SECTION 3, PROCESS AND MANUFACTURING - PART B FLAKER 4

OPERATING DATA OPERATING SCHEDULE PERCENT FUEL CONSUMPTION PER QUARTER DEC-FEB 25 HOURS/DAY 24 MAR-MAY 25 DAY/WEEK WEEKS/YEAR JUN-AUG 25 25 SEP-NOV POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY NONE	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT) 45
BUILDING/AREA LENGTH (FT) 100	STACK EXIT DIAMETER (FT)	3
BUILDING/AREA WIDTH (FT) 60	STACK EXIT GAS FLOWRATE (ACFM)	20,000
	STACK EXIT TEMPERATURE (DEG. F)	120

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
	[FACTOR	CONTROL	MEASURED			
		(SEE BELOW)*	EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
				(LBS/HR)			
					,		
PM		0.003035	0	3.035	NA		
PM-10		0.003035	0	3.035	16.7	73.11	Tier II OP No. 011-00027
SO2		NA ·					
					,		
CO		NA NA			<u> </u>		
NOX		NA NA					
VOC		NA NA					
LEAD		NA					

*EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DDE	DEQ STACK ID	CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SO	oc	
DEQ SEGMENT CODE	E					
PART A: GENERAL	. INFORMATION					
PROCESS CODE OR	DESCRIPTIC FLAKER N	O. 5				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPTI	ON PROCESS	ING BUILDING #4				
MANUFACTURER	BLAU-KNO	X	MODEL	5 X 16	DATE INSTALLED	1992
					DATE LAST MODIFIED	1992
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM HOURLY	ACTUAL HOURLY	UNITS		
	DESCRIPTION	RATE	RATE		•	
INPUT	POTATOES	1,000.00	1,000.00	LB/HR		
PRODUCT OUTPUT	POTATOES	996.96	996.96	LB/HR		
WASTE OUTPUT	PARTICULATE	3.04	3.04	LB/HR		
RECYCLE	NONE				\neg	

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN	WARRACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY	WEIGHT BY WEIGHT
NONE			
			81.8

SECTION 3, PROCESS AND MANUFACTURING - PART B FLAKER 5

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25	•	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY NONE	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	45
JUILDING/AREA LENGTH (FT) 100	STACK EXIT DIAMETER (FT)	3
BUILDING/AREA WIDTH (FT) 60	STACK EXIT GAS FLOWRATE (ACFM)	20,000
	STACK EXIT TEMPERATURE (DEG. F)	120

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR (SEE BELOW)*	CONTROL MEASURED EFFICIENCY EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE	
				0.005	1 114		
PM		0.003035	0	3.035	NA NA		
PM-10		0.003035	0	3,035	16.7	73.11	Tier II OP No. 011-00027
SO2		NA					
СО		NA					
NOX		NA					
voc		NA			·		
LEAD		NA					

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

DEHYDRATION AIR DRYER #1 A STAGE

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DE	DEQ STACK ID C	ODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SC	c	
DEQ SEGMENT COD						
i e					•	
PART A: GENERAL	. INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRA	TION AIR DRYER #1 A STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPT	ON DEHYDRA	TION DRYER ROOM 1,2,3				
MANUFACTURER	PROCTOR	S	MODEL	432	DATE INSTALLED	1973
					DATE LAST MODIFIED	1973
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY	HOURLY			
		RATE	RATE			
	Inamera Control	1,000.00	1,000.00	ILB/HR		
INPUT	POTATOES	1,000.00	1,000.00	ILD/FIX		
PRODUCT OUTPUT	POTATOES	998.58	998.58	LB/HR		
WASTE OUTPUT	PARTICULATE	1.42	1.42	LB/HR		
DEOVO! E	NONE					
RECYCLE	NONE					

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANCTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		
	· · · · · · · · · · · · · · · · · · ·	
	1	
*		
	<u> </u>	

SECTION 3, PROCESS AND MANUFACTURING - PART B

DEHYDRATION DRYER #1 A STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE
DEC-FEB 25	HOURS/DAY 24
MAR-MAY 25	DAY/WEEK 7
JUN-AUG 25	WEEKS/YEAR 365
SEP-NOV 25	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY	None	SECONDARY	
TYPE CODE (FROM APP. A)				
MANUFACTURER			 	
MODEL NUMBER				
PRESSURE DROP (IN. OF WATER)			 	
WET SCRUBBER FLOW (GPM)				
BAGHOUSE AIR/CLOTH RATIO (FPM)				

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (F	41
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	2.6
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	13,000
	STACK EXIT TEMPERATURE (DEG. F)	187

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMIS	SIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
					1	T	1	
PM		1.42E-03	LB/LB	0	1.42E+00	NA NA		
PM-10		1.42E-03	LB/LB	0	1.42E+00	1.47	6.4	Tier II OP, No. 011-00027
SO2		NA				<u></u>		
СО		NA						
							,	
NOX		NA						
Luca		NA		1	1	1	,	
VOC		INA				<u> </u>		
LEAD		NA .						
*EE from AP-42	Annudix B 9 9 1 1986.	** Summation of fu	rel burning a	nd particulate emi	ssions.			

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS COL	DE	DEQ STACK ID CODE		
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT CODE						
PART A: GENERAL	INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRA	TION AIR DRYER #1 B&C STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPTI	ON DEHYDRA	TION DRYER ROOM 1,2,3				
MANUFACTURER	PROCTOR	S	MODEL	432	DATE INSTALLED	1973
					DATE LAST MODIFIED	1973
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS	7	
	DESCRIPTION	HOURLY	HOURLY			
		RATE	RATE			

1,000.00

999.37

0.63

POTENTIAL HAPS IN PROCESS STREAM(S)

PRODUCT OUTPUT POTATOES

POTATOES

PARTICULATE

NONE

INPUT

WASTE OUTPUT

RECYCLE

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUCFRACTION IN WASSACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		,

1,000.00

999.37

0.63

LB/HR

LB/HR

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #1 B&C STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE		
DEC-FEB 25	HOURS/DAY	24	
MAR-MAY 25	DAYWEEK	7	
JUN-AUG 25	WEEKS/YEAR	365	
SEP-NOV 25			

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY	None	SEC	ONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER			 		
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)			 11111111		
WET SCRUBBER FLOW (GPM)			 		
BAGHOUSE AIR/CLOTH RATIO (FPM)			 		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BOILDING/AREA DATA		
ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	2.95
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	8,000
	STACK EXIT TEMPERATURE (DEG. F)	187

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
			1040	0	6,30E-01	l NA	T	
PM		6.25E-04	LB/LB	U	0.30E-01	INA		
PM-10		6.25E-04	LB/LB	0	6.30E-01	0.65	2.8	Tier II OP, No. 011-00027
		l NA		1		1	I	
SO2		NA I					l	
co		NA						
NOX		NA						
					- 	T		
voc		NA NA					L	
LEAD		NA I						

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE NOTE:

Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DE	DEQ STACK ID CO	DE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT COD	=					
,,,,,,,,,	. INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRA	TION AIR DRYER #2 A STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPT	ON DEHYDRA	TION DRYER ROOM 1,2,3				
MANUFACTURER	PROCTOR	S	MODEL	432	DATE INSTALLED	1973
					DATE LAST MODIFIED	1973
PROCESSING DATA						
PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY	ACTUAL HOURLY	UNITS		
		RATE	RATE			
INPUT	POTATOES	1,000.00	1,000.00	LB/HR		
PRODUCT OUTPUT	POTATOES	998.58	998.58	LB/HR		
WASTE OUTPUT	PARTICULATE	1.42	1.42	LB/HR		
RECYCLE	NONE					

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTON IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		
		,

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #2 A STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE		
DEC-FEB 25	HOURS/DAY 2		
MAR-MAY 25	DAYWEEK		
JUN-AUG 25	WEEKS/YEAR 36		
SEP-NOV 25			

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	2.6
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	13,000
	STACK EXIT TEMPERATURE (DEG. F)	187

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	IISSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
PM		1.42E-03	LB/LB	0	1.42E+00	NA		
		1						
PM-10		1.42E-03	LB/LB	0	1.42E+00	1.47	6.4	Tier II OP, No. 011-00027
SO2		NA						
CO		NA						
NOX		NA						
						•	·	
VOC		NA						

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DDE	DEQ STACK ID CO	DDE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO		
DEQ SEGMENT COD	E					
PART A: GENERAL	NFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRA	ATION AIR DRYER #2 B&C STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPT	ION DEHYDRA	ATION DRYER ROOM 1,2,3				
MANUFACTURER	PROCTO	RS	MODEL	432	DATE INSTALLED	1973
,					DATE LAST MODIFIED	1973
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DESCRIPTION	HOURLY RATE	HOURLY RATE			
		KAIE	RAIE			
INPUT	POTATOES	1,000.00	1,000.00	LB/HR		
PRODUCT OUTPUT	POTATOES	999.37	999.37	LB/HR		
WASTE OUTPUT	PARTICULATE	0.63	0.63	LB/HR		
BECYCLE	NONE				\neg	

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTED IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		
	<u> </u>	

SECTION 3, PROCESS AND MANUFACTURING - PART B

DEHYDRATION DRYER #2 B&C STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA	STACK DATA	
ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	2.95
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	8,000
	STACK EXIT TEMPERATURE (DEG. F)	187

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)	<u> </u>		
							1	
PM		6.25E-04	LB/LB	0	6.30E-01	NA		
		0.055.04	LB/LB	0	6.30E-01	0,65	2.8	Tier II OP, No. 011-00027
PM-10		6.25E-04	LB/LB	U	0.302-01	0,03	2.0	TIEL II OF, NO. 011-00021
SO2		NA NA						
co		NA						
							1	
NOX		NA NA	l					
voc		NA NA						
					-			
LEAD		l NA						

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS C	ODE	DEQ STACK ID CO	DDE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO		
DEQ SEGMENT CODE						
PART A: GENERAL						
PROCESS CODE OR	DESCRIPTIC DEHYDRATI	ON AIR DRYER #3 A STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPTI	ON DEHYDRATI	ON DRYER ROOM 1,2,3				
MANUFACTURER	PROCTORS		MODEL	432	DATE INSTALLED	1973
					DATE LAST MODIFIED	1973
PROCESSING DATA						
PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS		
INPUT	POTATOES	1,000.00	1,000.00	LB/HR		
PRODUCT OUTPUT	POTATOES	998.58	998.58	LB/HR		
WASTE OUTDUT	PARTICULATE	1 42	1.42	ILB/HR	7	

NONE

RECYCLE

HAP DESCRIPTION	HAP CAS	FRACTION IN INPU	T FRACTION IN PRO	DUCFRACTION IN WARRANCTION IN RECYCLE
	NUMBER	STREAM BY WEIGH	HT STREAM BY WEIGHT	STREAM BY WEIGHT
NONE				

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #3 A STAGE

OPERATING DATA PERCENT FUEL CONSUMPTION PER QUARTER OPERATING SCHEDULE 24 25 HOURS/DAY DEC-FEB 7 DAYWEEK MAR-MAY 25 365 25 WEEKS/YEAR JUN-AUG 25 SEP-NOV POLLUTION CONTROL EQUIPMENT SECONDARY PARAMETER TYPE PRIMARY None TYPE CODE (FROM APP. A) MANUFACTURER MODEL NUMBER PRESSURE DROP (IN. OF WATER) WET SCRUBBER FLOW (GPM) BAGHOUSE AIR/CLOTH RATIO (FPM) STACK DATA VENTILATION AND BUILDING/AREA DATA GROUND ELEVATION (FT) 4,498 ENCLOSED (Y/N)? N UTM X COORDINATE (KM) 388 HOOD TYPE (FROM APP. B) NA UTM Y COORDINATE (KM) 4,784 MINIMUM FLOW (ACFM) NA STACK TYPE (SEE NOTE BELOW) PERCENT CAPTURE EFFICIENCY NA STACK EXIT HEIGHT FROM GROUND LEVEL (FT) 41 16.5 BUILDING HEIGHT (FT) STACK EXIT DIAMETER (FT) 2.6 BUILDING/AREA LENGTH (FT) 90 STACK EXIT GAS FLOWRATE (ACFM) 13,000 BUILDING/AREA WIDTH (FT) 80 STACK EXIT TEMPERATURE (DEG. F) 187 AIR POLLUTANT EMISSIONS ESTIMATED OR ALLOWABLE EMISSIONS EMISSION PERCENT POLLUTANT CAS NUMBER Units MEASURED CONTROL FACTOR (LBS/HR)** (TONS/YR) **EFFICIENCY** EMISSIONS REFERENCE (SEE BELOW)* (LBS/HR) NA 1.42E-03 LB/LB 0 1.42E+00 PM 1.47 6.4 Tier II OP, No. 011-00027 1.42E+00 1.42E-03 LB/LB PM-10 SO2 NA CO NΑ

LEAD *EF from AP-42, Appndix B.9.9.1, 1986. NA ** Summation of fuel burning and particulate emissions.

NA

NΑ

NOX

VOC

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE NOTE:

DEQ USE ONLY					
DEQ PLANT ID CODE		DEQ PROCESS C	ODE	DEQ STACK ID CO	DE
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE				•	
PART A: GENERAL INFORM	MATION				
PROCESS CODE OR DESCRI	PTIC DEHYDRATION A	IR DRYER #3 B&C STAG	Ε		
STACK DESCRIPTION	POINT				
BUILDING DESCRIPTION	DEHYDRATION D	RYER ROOM 1,2,3			
MANUFACTURER	PROCTORS		MODEL	432	DATE INSTALLED 1973
					DATE LAST MODIFIED 1973
PROCESSING DATA					
PROCESS STREAM MATER DESCR	RIAL RIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS	
INPUT POTAT	OES	1,000.00	1,000.00	LB/HR	
PRODUCT OUTPUT POTAT	OES	999.37	999.37	LB/HR	\neg
	CULATE	0.63	0.63	LB/HR	<u> </u>

NONE

RECYCLE

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #3 B&C STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTIL ATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BUILDING/AREA DATA	STACKDATA	
ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41 .
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	2.6
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	8,670
	STACK EXIT TEMPERATURE (DEG. F)	187

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	ts PERCENT	ESTIMATED OR		ALLOWABLE EMISSIONS		
			CONTROL EFFICIENCY		(LBS/HR)**	(TONS/YR)	REFERENCE		
PM		6.25E-04	LB/LB	0	6.30E-01	l NA	<u> </u>		
PIVI		0.202 01	20722						
PM-10		6.25E-04	LB/LB	0	6.30E-01	0.65	2.8	Tier II OP, No. 011-00027	
							9		
SO2		NA							
CO		NA NA				1			
		110		I		T	I		
NOX		NA				L		-	
VOC		NA							
LEAD		NA				l			
*EF from AP-42	Appndix B 9.9.1, 1986.	** Summation of	f fuel burni	ng and particulate em	issions.				

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

NA

DATE INSTALLED

DATE LAST MODIFIED

1989

1989

PROCTORS

SECTION 3. PROCESS AND IV	AND ACTORNO OF ENAMENO	BEITHERWIN	
DEQ USE ONLY			
DEQ PLANT ID CODE	DEQ PROCESS	CODE	DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC		SECONDARY SCC
DEQ SEGMENT CODE			
PART A: GENERAL INFORM	ATION .		
PROCESS CODE OR DESCRIP	PTIC DEHYDRATION AIR DRYER #4 A STAGE		
STACK DESCRIPTION	POINT		
BUILDING DESCRIPTION	DEHYDRATION DRYER ROOM 4&5		

PROCESSING DATA

MANUFACTURER

PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS
	DESCRIPTION	HOURLY	HOURLY	
		RATE	RATE	
INPUT	POTATOES	750.00	750.00	LB/HR
	—			
PRODUCT OUTPUT	POTATOES	748.93	748.93	LB/HR
WASTE OUTPUT	PARTICULATE	1.07	1.07	LB/HR
RECYCLE	NONE			

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS FRACTION IN INPUT FRACTION IN PRODUCE FRACTION IN WARRANCTION IN RECYCLE					
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT				
Nave						
NONE						

MODEL

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #4 A STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE
DEC-FEB 25	HOURS/DAY 2
MAR-MAY 25	DAYWEEK
JUN-AUG 25	WEEKS/YEAR 36
SEP-NOV 25	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		:
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

STACK DATA

VENTILATION AND BUILDING/AREA DATA	STACK DATA	
ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 130	STACK EXIT DIAMETER (FT)	2.6
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	10,800
	STACK EXIT TEMPERATURE (DEG. F)	160

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	CAS NUMBER EMISSION		PERCENT	ESTIMATED OR		ALLOWABLE EMISSIONS		
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE	
		1 405.00	1 1 1 1 1 1		1.07E+00	l NA	Γ		
PM		1.42E-03	LB/LB	0	1.07E+00	INA			
PM-10		1.42E-03	LB/LB	0	1.07E+00	1.1	4.8	Tier II OP, No. 011-00027	
SO2		NA NA							
CO		NA							
NOX		NA							
VOC		NA							
LEAD		NA NA				Г			

*EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

NA

DATE INSTALLED

PROCTORS

SECTION 3. PROCESS AND WAN	OPACIDITING OF ENAMEDING
DEQ USE ONLY	
DEQ PLANT ID CODE	DEQ PROCESS CODE DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC SECONDARY SCC
DEQ SEGMENT CODE	
PART A: GENERAL INFORMATI	ON
PROCESS CODE OR DESCRIPTION	DEHYDRATION AIR DRYER #4 B STAGE
STACK DESCRIPTION	POINT
BUILDING DESCRIPTION	DEHYDRATION DRYER ROOM 4&5

DATE LAST MODIFIED 19	989

MODEL

PROCESSING DATA

MANUFACTURER

PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS
	DESCRIPTION	HOURLY	HOURLY	
		RATE	RATE	
INPUT	POTATOES	750.00	750.00	LB/HR
PRODUCT OUTPUT	POTATOES	749.53	749.53	LB/HR
WASTE OUTPUT	PARTICULATE	0.47	0.47	LB/HR
RECYCLE	NONE			

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTED IN RECYCLE					
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT					
NONE							

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #4 B STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTUATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BUILDING/AR	(EA DATA	STACK DATA	
ENCLOSED (Y/N)?	N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B)	NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM)	NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENC	YNA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT)	16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	23
BUILDING/AREA LENGTH (FT)	130	STACK EXIT DIAMETER (FT)	2
BUILDING/AREA WIDTH (FT)	80	STACK EXIT GAS FLOWRATE (ACFM)	4,000
		STACK EXIT TEMPERATURE (DEG. F)	150

AIR POLLUTANT EMISSIONS

POLLUTANT CAS NUMBER		EMISSION	EMISSION Units PERCE		PERCENT ESTIMATED OR		ALLOWABLE EM	SSIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
					1			
PM		3.13E-04	LB/LB	0	4.70E-01	NA		
PM-10		3.13E-04	LB/LB	0	4.70E-01	0.47	2.1	Tier II OP, No. 011-00027
PW-10		5.16E-04	20/20		4.702 01	3.47	2-1	
SO2		NA						
СО		NA						
NOX		NA NA						
VOC		NA						

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

DEQ USE ONLY					
DEQ PLANT ID CODE		DEQ PROCESS CO	ODE	DEQ STACK ID CO	DDE
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO	; <u> </u>
DEQ SEGMENT CODE					
PART A: GENERAL	. INFORMATION				
PROCESS CODE OR	DESCRIPTIC DEHYDRAT	TION AIR DRYER #4 C STAGE			
STACK DESCRIPTION	POINT				
BUILDING DESCRIPT	ION DEHYDRAT	TION DRYER ROOM 4&5			
MANUFACTURER	PROCTOR	S	MODEL	NA	DATE INSTALLED 1989
					DATE LAST MODIFIED 1989
			*		DATE EAST MICHITIED 1909
PROCESSING DATA					
PROCESSING DATA				,	•
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DESCRIPTION	HOURLY	HOURLY		
		RATE	RATE		
INPUT	POTATOES	750.00	750.00	LB/HR	
		740.52	749.53	LB/HR	
PRODUCT OUTPUT	POTATOES	749.53	149.00	CD/TIK	
WACTE OUTDUT	PARTICULATE	0.47	0.47	LB/HR	
WASTE OUTPUT	FARTIOULATE	0.11			

RECYCLE

NONE

HAP DESCRIPTION	HAP CAS						
	NUMBER	STREAM BY WEIGHT STREAM I	BY WEIGHT	STREAM BY WEIGHT			
NONE							

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #4 C STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE
DEC-FEB 25	HOURS/DAY
MAR-MAY 25	DAYWEEK
JUN-AUG 25	WEEKS/YEAR 3
SEP-NOV 25	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY	None	SECO	NDARY .		
TYPE CODE (FROM APP. A)			 			
MANUFACTURER						
MODEL NUMBER			 			
PRESSURE DROP (IN. OF WATER)			 			
WET SCRUBBER FLOW (GPM)			 		-	
BAGHOUSE AIR/CLOTH RATIO (FPM)			 			

VENTUATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BUILDING/	AREA DATA	STACK DATA	
ENCLOSED (Y/N)?	N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B)	NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM)	NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIEN	NCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT)	16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	23
BUILDING/AREA LENGTH (FT)	130	STACK EXIT DIAMETER (FT)	1.6
BUILDING/AREA WIDTH (FT)	80	STACK EXIT GAS FLOWRATE (ACFM)	1,600
		STACK EXIT TEMPERATURE (DEG. F)	130

AIR POLLUTANT EMISSIONS

POLLUTANT CAS NUMBER		EMISSION	EMISSION Units PERCENT		ESTIMATED OR		ALLOWABLE EMISSIONS		
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE	
		3,13E-04	LB/LB	0	4.70E-01	l NA	1		
PM		3,13E-04	LD/LD		4.70E-01	IVA			
PM-10		3.13E-04	LB/LB	0	4.70E-01	0.47	2.1	Tier II OP, No. 011-00027	
SO2		NA NA							
co		NA							
NOX		I NA							
NOX				I			ı		
voc		NA							
LEAD		NA NA							

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

DEHYDRATION AIR DRYER #5 A STAGE

DEQ USE ONLY						
DEQ PLANT ID CODE]	DEQ PROCESS C	CODE	DEQ STACK ID CO	DE
DEQ BUILDING CODE			PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE						
PART A: GENERAL	INFORMATIO	ON				
PROCESS CODE OR	DESCRIPTIC	DEHYDRATION AIR	DRYER #5 A STAGE			
STACK DESCRIPTION		POINT				
BUILDING DESCRIPTI	ON	DEHYDRATION DRY	/ER ROOM 4&5			
MANUFACTURER		PROCTORS		MODEL	NA	DATE INSTALLED 1992
						DATE LAST MODIFIED 1992
PROCESSING DATA					•	
PROCESS STREAM	MATERIAL		MAXIMUM	ACTUAL	UNITS	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DESCRIPTI	ION	HOURLY	HOURLY		
			RATE	RATE		
INPUT	POTATOES	3	1,200.00	1,200.00	LB/HR	
	T		4.400.00	1.198.30	LB/HR	
PRODUCT OUTPUT	POTATOES	5	1,198.30	1,196.30	ILD/FIX	
WASTE OUTPUT	PARTICULA	ATE	1.7	1.7	LB/HR	
In-eval-	TNONE					
RECYCLE	NONE	L				—

HAP DESCRIPTION	HAP CAS						
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT					
NONE							
		·					
		· · · · · · · · · · · · · · · · · · ·					

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #5 A STAGE

OPERATING DATA		
PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		
POLLUTION CONTROL EQUIPMENT		
DD1144DV	T., 7	T _c

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

STACK DATA

VENTILATION AND BUILDING/AREA DATA	STACKDATA	
ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 130	STACK EXIT DIAMETER (FT)	3.3
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	24,600
	STACK EXIT TEMPERATURE (DEG. F)	160

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)	· I	EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
		1 105 00	LDAD		4.705.00	1 110	1	
PM		1.42E-03	LB/LB	0	1.70E+00	NA		
PM-10	5	1.42E-03	LB/LB	0	1.70E+00	1.78	7.8	Tier II OP, No. 011-00027
							I	
SO2	J	NA NA	l			1]	
CO		NA						
NOX		NA						
							r	
VOC		NA NA	ll			l	L	
LEAD		NA						

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

NA

DATE INSTALLED

DATE LAST MODIFIED

1992

1992

PROCTORS

SECTION 6. TROOPS AND IN	and not online of Entire to	
DEQ USE ONLY		
DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC
DEQ SEGMENT CODE		
PART A: GENERAL INFORM	ATION	
PROCESS CODE OR DESCRIP	TIC DEHYDRATION AIR DRYER #5 B STAGE	
STACK DESCRIPTION	POINT	
DUIL DING DESCRIPTION	DEHYDRATION DRYER ROOM 485	

PROCESSING DATA

MANUFACTURER

PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS
	DESCRIPTION	HOURLY	HOURLY	
		RATE	RATE	
INPUT	POTATOES	1,200.00	1,200.00	LB/HR
PRODUCT OUTPUT	POTATOES	1,199.25	1,199.25	LB/HR
WASTE OUTPUT	PARTICULATE	0.75	0.75	LB/HR
RECYCLE	NONE			

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WASSACTION IN RECYCLE STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NOVE	I	
NONE		

MODEL

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION DRYER #5 B STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
OED MOV		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY	
TYPE CODE (FROM APP. A)			
MANUFACTURER			
MODEL NUMBER			
PRESSURE DROP (IN. OF WATER)			
WET SCRUBBER FLOW (GPM)		,	
BAGHOUSE AIR/CLOTH RATIO (FPM)			

VENTILATION AND BUILDING/AREA DATA

0.	ГΛ.	\sim L	CD	۸.	ГΛ

VENTILATION AND BOILDING	(C/CD/TI/T		
ENCLOSED (Y/N)?	N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B)	NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM)	NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENC	CY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT)	16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT)	130	STACK EXIT DIAMETER (FT)	2.6
BUILDING/AREA WIDTH (FT)	80	STACK EXIT GAS FLOWRATE (ACFM)	11,000
		STACK EXIT TEMPERATURE (DEG. F)	150

AIR POLLUTANT EMISSIONS

CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
	FACTOR	1	CONTROL	MEASURED			
	(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
				(LBS/HR)			
						1	
	3.13E-04	LB/LB	0	7.50E-01	NA	<u> </u>	
	2.425.04	10/10		7.505.01	0.77	3.4	Tier II OP, No. 011-00027
	3.13E-04	LD/LD]		7.502-01	0.77	0.4	1167 11 01 ; 110. 01 1-00027
	NA						
	NA NA						
	NA						
					1	1	
	NA NA						
	NA NA	T			Ė		
	CAS NUMBER	FACTOR (SEE BELOW)* 3.13E-04 NA NA NA		SEE BELOW)* CONTROL 3.13E-04 LB/LB 0 3.13E-04 LB/LB 0 NA	FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*

^{*}EF from AP-42, Appndix B.9.9.1, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{*} Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS C	ODE	DEQ STACK ID CO	DDE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO		
DEQ SEGMENT COD	E					
PART A: GENERAL	_ INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRAT	ION AIR DRYER #5 C STAGE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPT	ION DEHYDRAT	ION DRYER ROOM 4&5				
MANUFACTURER	PROCTOR	3	MODEL	NA	DATE INSTALLED	1992
					DATE LAST MODIFIED	1992
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
T ROOLOG OTTEAM	DESCRIPTION	HOURLY	HOURLY			
		RATE	RATE			
INPUT	POTATOES	1,200.00	1,200.00	LB/HR		
INPUT	I-OTATOLS	1,200.00	1,200.00	1227777		
PRODUCT OUTPUT	POTATOES	1,199.25	1,199.25	LB/HR		
WASTE OUTPUT	PARTICULATE	0.75	0.75	LB/HR		
RECYCLE	NONE					

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTON IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B

DEHYDRATION DRYER #5 C STAGE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE
DEC-FEB 25	HOURS/DAY 24
MAR-MAY 25	DAY/WEEK 7
JUN-AUG 25	WEEKS/YEAR 365
OFF HOLD	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BUILDING/AREA DATA	SINCKDAIA	
ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 130	STACK EXIT DIAMETER (FT)	2
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	7,000
	STACK EXIT TEMPERATURE (DEG. F)	130

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
	1	FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)	ļ		
						1	ı	
PM		3.13E-04	LB/LB	0	7.50E-01			
PM-10		3.13E-04	LB/LB	0	7.50E-01	0.77	3.4	Tier II OP, No. 011-00027
					Т	T	I	
SO2		NA NA			L	<u> </u>	l	L
CO		NA NA						
NOX		NA						
		T NA				T		
voc		I NA			<u> </u>			
LEAD		NA						

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{*} Summation of fuel burning and particulate emissions.

DEHYDRATION BIN DRYER

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DDE	DEQ STACK ID CO	DDE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO		
DEQ SEGMENT COD	E					
PART A: GENERAL	. INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRAT	ION BIN DRYER				
STACK DESCRIPTION	I POINT					
OTACK BEGGINI TIC	<u> </u>					
BUILDING DESCRIPT	ION DEHYDRAT	TON INSPECTION ROOM				
MANUFACTURER	NONPAREI	L	MODEL	NA	DATE INSTALLED	1992
					DATE LAST MODIFIED	1992
					di ana	
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY	HOURLY			
		RATE	RATE			
INPUT	POTATOES	1,000.00	1,000.00	LB/HR		
	IDOTATOES.	999.37	999.37	LB/HR		
PRODUCT OUTPUT	POTATOES	999.31	333.31	LOTTIV		
WASTE OUTPUT	PARTICULATE	0.63	0.63	LB/HR		
RECYCLE	INONE					

HAP DESCRIPTION	HAP CAS		DUC FRACTION IN WASKACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT	STREAM BY WEIGHT
NONE			

SECTION 3, PROCESS AND MANUFACTURING - PART B

DEHYDRATION BIN DRYER

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	3
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	41
BUILDING/AREA LENGTH (FT) 80	STACK EXIT DIAMETER (FT)	1.3
BUILDING/AREA WIDTH (FT) 130	STACK EXIT GAS FLOWRATE (ACFM)	470
	STACK EXIT TEMPERATURE (DEG. F)	90

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
DM.		3.13E-04	LB/LB	0	6.30E-01			
PM		3.13L-04	LU/LD		0.002-01		Į.	
PM-10		3.13E-04	LB/LB	0	6.30E-01	0.63	2.8	Tier II OP, No. 011-00027
								•
SO2		NA						
							E	1
co		NA NA						
NOX		NA NA			. [1		
110/1								
VOC		NA						
LEAD		NA						1

^{*}EF from AP-42, Appndix B.9.9.2, 1986.

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

DEHYDRATION RESEARCH DRYER

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS C	ODE	DEQ STACK ID C	ODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SC	С	
DEQ SEGMENT CODE						
PART A: GENERAL	INFORMATION					
PROCESS CODE OR	DESCRIPTIC DEHYDRATI	ON RESEARCH DRYER				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPTI	ON DEHYDRATI	ON R&D Room				
MANUFACTURER	CARRIER		MODEL	NA	DATE INSTALLED	1992
					DATE LAST MODIFIED	1992
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY	HOURLY			
		RATE	RATE			
INPUT	POTATOES	125.00	125.00	LB/HR		
INFOI	TOTAL CEG					
PRODUCT OUTPUT	POTATOES	124.82	124.82	LB/HR		
WASTE OUTPUT	PARTICULATE	0.18	0.18	LB/HR		
RECYCLE	NONE					

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B

DEHYDRATION RESEARCH DRYER

OPERATING DATA

PERCENT FUEL CON	SUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB	25	HOURS/DAY	24
MAR-MAY	25	DAYWEEK	7
JUN-AUG	25	WEEKS/YEAR	365
SEP-NOV	25	Wall to the state of the state	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		·

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B)	NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM)	NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY	NA	STACK TYPE (SEE NOTE BELOW)	3
BUILDING HEIGHT (FT)	16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	24
BUILDING/AREA LENGTH (FT)	80	STACK EXIT DIAMETER (FT)	0.5
BUILDING/AREA WIDTH (FT)	50	STACK EXIT GAS FLOWRATE (ACFM)	70
		STACK EXIT TEMPERATURE (DEG. F)	95

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMIS	SSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
		1.40E-03	LB/LB	0	1.80E-01	1		
PM		1.406-03	LD/LD		1.002-01			
PM-10		1.40E-03	LB/LB	0	1.80E-01	0.18	0.8	Tier II OP, No. 011-00027
SO2		l NA			1	T		
302								
co		NA						
NOX		NA NA			1	Ī		<u> </u>
,								
voc		NA	L					
LEAD		NA NA			T			

^{*}EF from Mass Balance

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

^{**} Summation of fuel burning and particulate emissions.

DEHYDRATION STEEM PEELER

					•		
DEQ USE ONLY							
DEQ PLANT ID CODE			DEQ PROCESS COD	E	DEQ STACK ID CODE		
DEQ BUILDING CODE			PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT COD	E						
	. INFORMATION						
PROCESS CODE OR	DESCRIPTIC DE	HYDRATION STEEM	1 PEELER				
STACK DESCRIPTION	N PO	TAIC					
BUILDING DESCRIPT	ION DE	HYDRATION WET A	REA				
MANUFACTURER	OD	ENBURGE		MODEL	1400	DATE INSTALLED	1984
						DATE LAST MODIFIED	1984
PROCESSING DATA							
PROCESS STREAM	MATERIAL DESCRIPTION		MAXIMUM HOURLY	ACTUAL HOURLY	UNITS		
	<u> </u>		RATE	RATE		_	
INPUT	POTATOES		5,000.00	5,000.00	LB/HR		
PRODUCT OUTPUT	POTATOES		4,999.84	4,999.84	LB/HR		
WASTE OUTPUT	PARTICULATE		0.16	0.16	LB/HR		
RECYCLE	INONE						

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTON IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B DEHYDRATION STEAM PEELER

OPERATING DATA OPERATING SCHEDULE PERCENT FUEL CONSUMPTION PER QUARTER HOURS/DAY 24 DEC-FEB 25 DAYWEEK 7 MAR-MAY 25 365 WEEKS/YEAR JUN-AUG 25 25 SEP-NOV POLLUTION CONTROL EQUIPMENT SECONDARY PARAMETER TYPE PRIMARY None TYPE CODE (FROM APP. A) MANUFACTURER MODEL NUMBER PRESSURE DROP (IN. OF WATER) WET SCRUBBER FLOW (GPM) BAGHOUSE AIR/CLOTH RATIO (FPM) STACK DATA VENTILATION AND BUILDING/AREA DATA GROUND ELEVATION (FT) 4,498 ENCLOSED (Y/N)? N UTM X COORDINATE (KM) 388 HOOD TYPE (FROM APP. B) NA UTM Y COORDINATE (KM) 4,784 MINIMUM FLOW (ACFM) NA PERCENT CAPTURE EFFICIENCY NA STACK TYPE (SEE NOTE BELOW) 4 STACK EXIT HEIGHT FROM GROUND LEVEL (F 24 BUILDING HEIGHT (FT) 16.5 STACK EXIT DIAMETER (FT) 2 BUILDING/AREA LENGTH (FT) 80 STACK EXIT GAS FLOWRATE (ACFM) 56 BUILDING/AREA WIDTH (FT) STACK EXIT TEMPERATURE (DEG. F) 190 AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMISSIO	NS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
PM		3.20E-05	LB/LB	0	1.60E-01			
PM-10		3.20E-05	LB/LB	0	1.60E-01	0.16	0.7	Tier II OP, No. 011-00027
				·		,		
SO2		. NA						
						1		
co		NA		<u> </u>				
NOX		NA						
								
VOC		NA		L				
			-	,				
LEAD		NA NA				L		

^{*}EF from Mass Balance

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{**} Summation of fuel burning and particulate emissions.

SCRATCH MASH BAGHOUSE

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DE	DEQ STACK ID COD	E	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT COD	E					
PARTA: GENERAL	. INFORMATION					
PROCESS CODE OR	DESCRIPTIC SCRATCH I	MASH BAGHOUSE				
STACK DESCRIPTION	POINT					
BUILDING DESCRIPT	ION PROCESSI	NG PLANT REBLEND ROOM		-		
MANUFACTURER	MICROPUL	SAIRE .	MODEL	36 BAG	DATE INSTALLED	1997
					DATE LAST MODIFIED	1997
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY RATE	HOURLY RATE			
		IVALE	10012			
INPUT	DRIED POTATOES	150,000.00	150,000.00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	150,000.00	150,000.00	FT ³ /HR		
WASTE OUTPUT	PARTICULATE	0.00043	0.00043	LB/HR		
RECYCLE	NONE					

HAP DESCRIPTION	HAP CAS	FRACTION IN IN	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTION IN RECYCLE					
·	NUMBER	STREAM BY WE	EIGHT STREAM BY WEIGHT	STREAM BY WEIGHT				
NONE								
	1	I						

SECTION 3, PROCESS AND MANUFACTURING - PART B

SCRATCH MASH BAGHOUSE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE		
DEC-FEB 25	HOURS/DAY	24	
MAR-MAY 25	DAYAVEEK	7	
JUN-AUG 25	WEEKS/YEAR	365	
SEP-NOV 25			

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

STACK DATA

VENTILATION AND BUILDING/AREA DATA	STACKDATA	
ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	4
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	24
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	0.003
BUILDING/AREA WIDTH (FT) 60	STACK EXIT GAS FLOWRATE (ACFM)	0
	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMISSIO	DNS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
					1 (015.01			
PM		2.87E-09	LB/LB	0	4.31E-04		L	
PM-10		2.87E-09	LB/LB	0	4.31E-04	na	na	Tier II OP, No. 011-00027
SO2		NA						
со		NA						
		NIA I			T			
NOX		NA NA			I	1		
VOC		NA						
LEAD		NA NA						
	cturer's Guarantee	** Summation of f	uel humir	g and particulate emis	sions		,	*

^{*}EF from Manufacturer's Guarantee

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

^{*} Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	DDE	DEQ STACK ID COI	DE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT COD	E					
PART A: GENERAL	INFORMATION					
PROCESS CODE OR	DESCRIPTIC GRINDING	CIRCUIT NO. 1 BAGHOUSE				
STACK DESCRIPTION	POINT					
STACK DESCRIPTION	V I CIVI					
BUILDING DESCRIPT	ION PROCESS	NG PLANT BUILDING # 4				
MANUFACTURER	MICROPUL	SAIRE	MODEL	36 BAG	DATE INSTALLED	1988
					DATE LAST MODIFIED	1988
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY RATE	HOURLY RATE			
		KAIE	I RAIE			
INPUT	DRIED POTATOES	150,000.00	150,000.00	FT ³ /HR		
		150 000 00	1450 000 00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	150,000.00	150,000.00	p i /iiix		
WASTE OUTPUT	PARTICULATE	0.00043	0.00043	LB/HR		
	I		- 1			
RECYCLE	NONE	L				

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTON IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		
	,	

SECTION 3, PROCESS AND MANUFACTURING - PART B GRINDING CIRCUIT NO. 1 BAGHOUSE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE		
DEC-FEB 25	HOURS/DAY	24	
MAR-MAY 25	DAYWEEK	7	
JUN-AUG 25	WEEKS/YEAR	365	
SEP-NOV 25			

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

VENTILATION AND BUILDING/ARLA DATA		
ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	4
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	20
BUILDING/AREA LENGTH (FT) 100	STACK EXIT DIAMETER (FT)	0.003
BUILDING/AREA WIDTH (FT) 60	STACK EXIT GAS FLOWRATE (ACFM)	0
	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
	FACTOR		CONTROL	MEASURED			
	(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
				(LBS/HR)			
					Ţ		
	2.87E-09	LB/LB	0	4.31E-04			
				101501	T		Trian II OD No 044 00007
	2.87E-09	LB/LB	[0	4.31E-04	l na	na na	Tier II OP, No. 011-00027
	NA NA				1		
	IAV		L		I		
	NA						
			1		Γ		
	NA NA					<u> </u>	
	NA NA		I			1	
			I				
	NA						
	CAS NUMBER	FACTOR (SEE BELOW)* 2.87E-09			FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

STARCH PLANT BAGHOUSE

DEQ USE ONLY					
DEQ PLANT ID CODE		DEQ PROCESS O	CODE	DEQ STACK ID CO	ODE
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCO	С
DEQ SEGMENT COD	E				
PART A: GENERAL					
PROCESS CODE OR	DESCRIPTIC STARCH P	LANT BAGHOUSE			
STACK DESCRIPTION	POINT				
BUILDING DESCRIPTI	ION STARCH P	LANT			
MANUFACTURER	MICROPUL	SAIRE	MODEL	72 BAG	DATE INSTALLED 1961
					DATE LAST MODIFIED 1961
PROCESSING DATA					
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS	
	DESCRIPTION	HOURLY	HOURLY		
	<u> </u>	RATE	RATE		
INPUT	DRIED POTATOES	300,000.00	300,000.00	FT³/HR	
				I==3***=	
PRODUCT OUTPUT	DRIED POTATOES	300,000.00	300,000.00	FT ³ /HR	
WASTE OUTPUT	PARTICULATE	0.00086	0.00086	LB/HR	
RECYCLE	NONE				
RECTCLE	INOINE				
RECTOLE	NONE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTETION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		
		·

OPERATING DATA

OPERATING SCHEDULE		
HOURS/DAY	24	
DAYMEEK	7	
WEEKS/YEAR	365	
	HOURS/DAY DAY/WEEK	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY	
TYPE CODE (FROM APP. A)			
MANUFACTURER			
MODEL NUMBER			
PRESSURE DROP (IN. OF WATER)			
WET SCRUBBER FLOW (GPM)			
BAGHOUSE AIR/CLOTH RATIO (FPM)			

VENTILATION AND BUILDING/AREA DATA

STACK DATA

GROUND ELEVATION (FT)	4,498
UTM X COORDINATE (KM)	388
UTM Y COORDINATE (KM)	4,784
STACK TYPE (SEE NOTE BELOW)	4
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	20
STACK EXIT DIAMETER (FT)	0.003
STACK EXIT GAS FLOWRATE (ACFM)	0
STACK EXIT TEMPERATURE (DEG. F)	70
	UTM X COORDINATE (KM) UTM Y COORDINATE (KM) STACK TYPE (SEE NOTE BELOW) STACK EXIT HEIGHT FROM GROUND LEVEL (FT) STACK EXIT DIAMETER (FT) STACK EXIT GAS FLOWRATE (ACFM)

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMIS	SSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
								
PM		2.87E-09	LB/LB	0	8.61E-04			
PM-10		2.87E-09	LB/LB	0	8.61E-04	na	na	Tier II OP, No. 011-00027
SO2		NA						
CO		NA						
NOX		NA						
voc		NA						
						1		
LEAD	1 1 2 111	NA NA		and particulate awar	L		L	

^{*}EF from Manufacturer's Guarantee

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

^{**} Summation of fuel burning and particulate emissions.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS CO	IDE	DEQ STACK ID C	ODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SC	С	
DEQ SEGMENT COD	E					
PART A: GENERAL						
PROCESS CODE OR	DESCRIPTIC GRINDING	CIRCUIT NO. 2 BAGHOUSE				
STACK DESCRIPTION	N POINT					
BUILDING DESCRIPT	ION PROCESS	ING PLANT WAREHOUSE # 1				
MANUFACTURER	MICROPUL	SAIRE	MODEL	48 BAG	DATE INSTALLED	1997
					DATE LAST MODIFIED	1997
PROCESSING DATA						
PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY	ACTUAL HOURLY	UNITS		
	<u> </u>	RATE	RATE			
INPUT	DRIED POTATOES	201,600.00	201,600.00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	201,600.00	201,600.00	FT³/HR		
WASTE OUTPUT	PARTICULATE	0.00058	0.00058	LB/HR		
RECYCLE	NONE			1		

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTED IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B

GRINDING CIRCUIT NO. 2 BAGHOUSE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		· .
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

STACK DATA

VENTILATION AND BUILDING/AREA DATA	STACKBATA	
ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	16.5
BUILDING/AREA LENGTH (FT) 85	STACK EXIT DIAMETER (FT)	11
BUILDING/AREA WIDTH (FT) 221	STACK EXIT GAS FLOWRATE (ACFM)	2,800
	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

OLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
		2 075 00	LB/LB	0	5.79E-04			
PM		2.87E-09	LD/LD	U	3.782-04		L	
PM-10		2.87E-09	LB/LB	0	5.79E-04	na	па	Tier II OP, No. 011-00027
				,				
SO2		NA NA		<u></u>		l		
-		NA I	*****		<u> </u>	1		
co		I IVA I						l .
NOX		NA						
VOC		NA NA]	
LEAD	cturer's Guarantee	NA		nd particulate emissio		<u> </u>	l	

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS COL	DE	DEQ STACK ID CO	DE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT COD	E					
PART A: GENERAL	_ INFORMATION					
PROCESS CODE OR	DESCRIPTIC FLAKE BAC	GHOUSE				
STACK DESCRIPTION	N POINT			-		
BUILDING DESCRIPT	ION PROCESSI	NG PLANT REBLEND ROOM				
MANUFACTURER	MICROPUL	SAIRE	MODEL	100 BAG	DATE INSTALLED	1970
					DATE LAST MODIFIED	1970
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY RATE	HOURLY RATE			
INPUT	DRIED POTATOES	420,000.00	420,000.00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	420,000.00	420,000.00	FT³/HR		
WASTE OUTPUT	PARTICULATE	0.0012	0.0012	LB/HR		
			•			

POTENTIAL HAPS IN PROCESS STREAM(S)

NONE

RECYCLE

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT F	FRACTION IN PRODU	JC FRACTION IN WARKAECTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM	AM BY WEIGHT	STREAM BY WEIGHT
NONE				
		·		

SECTION 3, PROCESS AND MANUFACTURING - PART B

FLAKE BAGHOUSE

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	GROUND ELEVATION (FT)	4,498
	LITH Y COORDINATE (IAI)	388
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	300
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	4
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	20
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	1.3
BUILDING/AREA WIDTH (FT) 60	STACK EXIT GAS FLOWRATE (ACFM)	8,200
,	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
			1D4D		1015.00	1		
PM		2.87E-09	LB/LB	0	1.21E-03			
PM-10		2.87E-09	LB/LB	0	1.21E-03	na	ла	Tier II OP, No. 011-00027
						1		
SO2		NA NA						
со		NA						
NOX		l NA l			1	1		
NOX		1 10/3					1	
VOC		NA						
LEAD		NA I				ı	ı	

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE NOTE: EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS C	ODE	DEQ STACK ID C	ODE	
DEQ BUILDING CODE	Ē	PRIMARY SCC		SECONDARY SC	С	
DEQ SEGMENT COD	E					
PART A: GENERAL	LINFORMATION					
PROCESS CODE OR	DESCRIPTIC PACKING BA	GHOUSE NO. 1				
STACK DESCRIPTION	N POINT					
BUILDING DESCRIPT	TON DEHYDRATIC	ON PACKAGING ROOM				
MANUFACTURER	MICROPULSA	AIRE	MODEL	9 BAG	DATE INSTALLED	1988
					DATE LAST MODIFIED	1988
PROCESSING DATA						
PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY	ACTUAL HOURLY	UNITS		
		RATE	RATE			
INPUT	DRIED POTATOES	37,800.00	37,800.00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	37,800.00	37,800.00	FT ³ /HR		
WASTE OUTPUT	PARTICULATE	0.00011	0.00011	LB/HR		
RECYCLE	NONE					

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WARRANTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
	•	
NONE		
•		

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAY/WEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	20
BUILDING/AREA LENGTH (FT) 90	STACK EXIT DIAMETER (FT)	0.5
BUILDING/AREA WIDTH (FT) 80	STACK EXIT GAS FLOWRATE (ACFM)	630
	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
	FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
	2.87E-09	LB/LB	0	1.08E-04			
	2.87E-09	LB/LB	0	1.08E-04	na	na ·	Tier II OP, No. 011-00027
	NA						
	NA NA						
	NA NA						
	NA NA				Ĭ		
	NA NA						
	CAS NUMBER	FACTOR (SEE BELOW)* 2.87E-09 NA NA NA NA NA NA		FACTOR (SEE BELOW)* CONTROL EFFICIENCY 2.87E-09	FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*	FACTOR (SEE BELOW)*

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

DEQ USE ONLY						
DEQ PLANT ID CODE		DEQ PROCESS	CODE	DEQ STACK ID	CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SO	CC	
DEQ SEGMENT COD	E					
PART A: GENERAL	LINFORMATION					
PROCESS CODE OR	DESCRIPTIC PACKING B	AGHOUSE NO. 2				
STACK DESCRIPTION	N POINT					
BUILDING DESCRIPT	ION DEHYDRAT	ION PACKAGING ROOM				
MANUFACTURER	MICROPUL	SAIRE	MODEL	9 BAG	DATE INSTALLED	1988
					DATE LAST MODIFIED	1988
PROCESSING DATA						
PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS		
	DESCRIPTION	HOURLY RATE	HOURLY RATE			
INPUT	DRIED POTATOES	105,000.00	105,000.00	FT ³ /HR		
PRODUCT OUTPUT	DRIED POTATOES	105,000.00	105,000.00	FT ³ /HR		
WASTE OUTPUT	PARTICULATE	0.0003	0.0003	LB/HR		
	1					

POTENTIAL HAPS IN PROCESS STREAM(S)

NONE

RECYCLE

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WASKACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE		

SECTION 3, PROCESS AND MANUFACTURING - PART B

PACKING BAGHOUSE NO. 2

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE
DEC-FEB 25	HOURS/DAY 24
MAR-MAY 25	DAYWEEK 7
JUN-AUG 25	WEEKS/YEAR 365
SEP-NOV 25	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)?	N	GROUND ELEVATION (FT)	4,498
		CUTTLY COORDINATE ((LI))	388
HOOD TYPE (FROM APP. B)	NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM)	NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY	NA	STACK TYPE (SEE NOTE BELOW)	2
BUILDING HEIGHT (FT)	16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	20
BUILDING/AREA LENGTH (FT)	90	STACK EXIT DIAMETER (FT)	0.5
BUILDING/AREA WIDTH (FT)	80	STACK EXIT GAS FLOWRATE (ACFM)	1,750
		STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

OLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EM	ISSIONS
		FACTOR (SEE BELOW)*		CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)**	(TONS/YR)	REFERENCE
PM		2.87E-09	LB/LB	0	3.01E-04			
1 141								
PM-10		2.87E-09	LB/LB	0	3.01E-04	na	na	Tier II OP, No. 011-00027
		,						
SO2		NA						
co		NA NA						
NOX		NA NA						
VOC		NA NA						
				· · · · · · · · · · · · · · · · · · ·				
LEAD		l NA						

^{*}EF from Manufacturer's Guarantee

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

^{**} Summation of fuel burning and particulate emissions.

DEQ USE ONLY		

DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC
DEQ SEGMENT CODE		

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCR	PTIC CRUSH-ROOM BAGHOUSE NO. 1		
STACK DESCRIPTION	POINT		
BUILDING DESCRIPTION	DEHYDRATION CRUSH ROOM		
MANUFACTURER	MICROPULSAIRE	MODEL 9 BAG	DATE INSTALLED 19
			DATE LAST MODIFIED 198

PROCESSING DATA

PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS
	DESCRIPTION	HOURLY	HOURLY	•
		RATE	RATE	
INPUT	DRIED POTATOES	37,800.00	37,800.00	FT ³ /HR
PRODUCT OUTPUT	DRIED POTATOES	37,800.00	37,800.00	FT ³ /HR
WASTE OUTPUT	PARTICULATE	0.00011	0.00011	LB/HR
RECYCLE	NONE			

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS	FRACTION IN INPUT FRACTION IN PRODUC FRACTION IN WASSACTION IN RECYCLE
	NUMBER	STREAM BY WEIGHT STREAM BY WEIGHT STREAM BY WEIGHT
NONE	1	·
NONE		
	 	

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

ENCLOSED (Y/N)? N	GROUND ELEVATION (FT)	4,498
HOOD TYPE (FROM APP. B) NA	UTM X COORDINATE (KM)	388
MINIMUM FLOW (ACFM) NA	UTM Y COORDINATE (KM)	4,784
PERCENT CAPTURE EFFICIENCY NA	STACK TYPE (SEE NOTE BELOW)	4
BUILDING HEIGHT (FT) 16.5	STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	16
BUILDING/AREA LENGTH (FT) 75	STACK EXIT DIAMETER (FT)	0.003
BUILDING/AREA WIDTH (FT) 50	STACK EXIT GAS FLOWRATE (ACFM)	0
	STACK EXIT TEMPERATURE (DEG. F)	70

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMISS	ONS
		FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
					·			
PM		2.87E-09	LB/LB	0	1.08E-04			
			1000	•	4.005.04		Γ	Tion II OD No. 044 00027
PM-10		2.87E-09	LB/LB	0	1.08E-04	na	na	Tier II OP, No. 011-00027
					1		<u> </u>	
SO2		NA						
СО		NA						
CO		14.					F15000-400-400-400-400-400-400-400-400-400	
NOX		NA						
voc		NA						
								*
LEAD		NA		and particulate emissions		l		

^{*}EF from Manufacturer's Guarantee

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE NOTE: EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

Summation of fuel burning and particulate emissions.

DEQ USE ONLY		

DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC
DEQ SEGMENT CODE		

PART A: GENERAL INFORMATION

	In our			· · · · · · · · · · · · · · · · · · ·
STACK DESCRIPTION	POINT			
BUILDING DESCRIPTION	DEHYDRATION CRUSH ROOM			
MANUFACTURER	MICROPULSAIRE	MODEL	9 BAG	DATE INSTALLED 1

PROCESSING DATA

PROCESS STREAM	MATERIAL	MAXIMUM	ACTUAL	UNITS
	DESCRIPTION	HOURLY	HOURLY	
		RATE	RATE	
INPUT	DRIED POTATOES	105,000.00	105,000.00	FT³/HR
PRODUCT OUTPUT	DRIED POTATOES	105,000.00	105,000.00	FT ³ /HR
WASTE OUTPUT	PARTICULATE	0.0003	0.0003	LB/HR
RECYCLE	NONE			·

POTENTIAL HAPS IN PROCESS STREAM(S)

NUMBER	STREAM BY WE	PUT FRACTION IGHT STREAM BY WE	IN WARRACTION IN RECYCLE Y WEIGHT
		·	

SECTION 3, PROCESS AND MANUFACTURING - PART B CRUSH-ROOM BAGHOUSE NO. 2

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	OPERATING SCHEDULE	
DEC-FEB 25	HOURS/DAY	24
MAR-MAY 25	DAYWEEK	7
JUN-AUG 25	WEEKS/YEAR	365
SEP-NOV 25		

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY None	SECONDARY
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

STACK DATA

GROUND ELEVATION (FT)	4,498
UTM X COORDINATE (KM)	388
UTM Y COORDINATE (KM)	4,784
STACK TYPE (SEE NOTE BELOW)	4
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	16
STACK EXIT DIAMETER (FT)	0.003
STACK EXIT GAS FLOWRATE (ACFM)	0
STACK EXIT TEMPERATURE (DEG. F)	70
	UTM X COORDINATE (KM) UTM Y COORDINATE (KM) STACK TYPE (SEE NOTE BELOW) STACK EXIT HEIGHT FROM GROUND LEVEL (FT) STACK EXIT DIAMETER (FT) STACK EXIT GAS FLOWRATE (ACFM)

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION	Units	PERCENT	ESTIMATED OR		ALLOWABLE EMISS	ONS
	1	FACTOR		CONTROL	MEASURED			
		(SEE BELOW)*		EFFICIENCY	EMISSIONS	(LBS/HR)**	(TONS/YR)	REFERENCE
					(LBS/HR)			
						·		
PM		2.87E-09	LB/LB	0	3.01E-04			
							Y	
PM-10		2.87E-09	LB/LB	. 0	3.01E-04	na	na	Tier II OP, No. 011-00027
				····				
SO2		NA						
						,		
co		NA NA						
						1	T	
NOX		NA NA						
						·	1	1
VOC		NA						
							1	
LEAD		NA					J	
*FF from Manufa	cturer's Guarantee	** Summation of f	uel burnina	and particulate emiss	ions.			

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 4: WASTE INCINERATION NOT APPLICABLE

DEQ USE ONLY						
DEQ PLANT ID CODE	DEQ PROC	CESS CODE		DEQ STAC	K ID CODE	
DEQ BUILDING CODE	PRIMARY S	SCC		SECONDA	RY SCC	
DEO SECMENT CODE	1					
DEQ SEGMENT CODE	J					
PART A: GENERAL INFORMATION						
PROCESS CODE OR DESCRIPTION						
STACK DESCRIPTION						
BUILDING DESCRIPTION	T		400			
	L					
MANUFACTURER	J	MODEL		DATE INST	ALLED	
				DATE LAST	MODIFIED	
INCINERATOR TYPE		1	RATED HEATING CAPA	CITY (MILLIO	N BTU/HOUR)	
		_				,
PRIMARY COMBUSTION CHAMBER DATA	Ą					
WASTE RETENTION TIME (MIN)]	PERCENT OVERFIRE A	IR		
BURNER TYPE]	GAUGE PRESSURE (IN	l. H20)		
MINIMUM TEMPERATURE (DEG. F)	1	_ ¬	COMBUSTION AIR FEE	D RATE (ACE	M)	
WINIMOW TEMPERATURE (DEG. T)		_	COMBOOTION THE LE	2 14 2 (1.10.	,	
PERCENT UNDERFIRE AIR		J				
PRIMARY CHAMBER FUEL DATA						
PARAMETER	PRIMARY FUEL	UNITS	SECONDAF FUEL	RΥ	UNITS	
FUEL CODE (SEE NOTE)	T					
POEL CODE (SEE NOTE)						1
PERCENT SULFUR						l
PERCENT ASH						İ
PERCENT NITROGEN						[
PERCENT CARBON			1			Í
PERCENT HYDROGEN						I
PERCENT MOISTURE						
HEAT CONTENT (BTU/UNIT)		<u> </u>	1			
						' I
MAXIMUM HOURLY COMBUSTION RATE (UNITS/HR)						
NORMAL ANNUAL COMBUSTION RATE (UNITS/YR)						

NOTE: INCINERATOR TYPES - 01) SINGLE CHAMBER; 02) MULTIPLE HEARTH; 03) ROTARY KILN; 04) FLUIDIZED BED;

05) OTHER (SPECIFY)

BURNER TYPE - 01) AXIAL FIRING; 02) RADIAL FIRING; 03) TANGENTIAL FIRING;

04) OTHER (SPECIFY)

FUEL CODES - 01) NATURAL GAS; 02) #1 OR #2 FUEL OIL; 03) #4 FUEL OIL; 04) #5 OR #6 FUEL OIL; 05) PROPANE

06) OTHER (SPECIFY)

SECTION 4, PART A1

SECONDARY COMBUSTION CHAMBER	DATA			
COMBUSTION CHAMBER VOLUME (CUBIC FEET)]	MINIMUM TEMPERATURE (DEG	i. F)	COMBUSTION AIR FEED RATE (SCFM)
GAUGE PRESSURE (INCHES WATER)		BURNER TYPE (1) AXIAL FIRING (2) RADIAL FIRING (3) TANGENTIAL FIR (4) OTHER	RING	
SECONDARY CHAMBER FUEL DATA				
PARAMETER	PRIMARY FUEL	UNITS	SECONDARY FUEL	UNITS
FUEL CODE (SEE NOTE)				
PERCENT SULFUR				
PERCENT ASH				
PERCENT NITROGEN				
PERCENT CARBON				
PERCENT HYDROGEN				
PERCENT MOISTURE				
HEAT CONTENT (BTU/UNIT)				
MAXIMUM HOURLY COMBUSTION RATE (UNITS/HR)				
NORMAL ANNUAL COMBUSTION RATE (UNITS/YR)				
NOTE: INCINERATOR TYPES - 01) SIN	NGLE CHAMBER; 02) MULTI	IPLE HEARTH; 03) ROTA	RY KILN; 04) FLUIDIZED	BED;
05) OTHER	R (SPECIFY)			
BURNER TYPE - 01) AXIAL FIR	ING; 02) RADIAL FIRING; 03	3) TANGENTIAL FIRING;		
04) OTHER	R (SPECIFY)			
FUEL CODES - 01) NATURAL (GAS; 02) #1 OR #2 FUEL OIL	.; 03) #4 FUEL OIL; 04) #5	5 OR #6 FUEL OIL; 05) PR	OPANE
06) OTHER	R (SPECIFY)			
PRIMARY CHAMBER MONITORING AND	COMBUSTION CONTROLS	S		
SECONDARY CHAMBER MONITORING	AND COMBUSTION CONTR	ROLS		

SECTION 4, PART A2

WASTE CHARACTERIZATION AND COMBUSTION RATE

PARAMETER	PRIMARY	UNITS	SECONDARY	UNITS
	FUEL		FUEL	
WASTE DESCRIPTION				
PERCENT SULFUR				
DEDOCNT AGU				1
PERCENT ASH				1
PERCENT NITROGEN				
PERCENT CARBON				
pa				1
PERCENT HYDROGEN		<u></u>		
PERCENT MOISTURE				
PERCENT MOISTORE				
HEAT CONTENT				
(BTU/UNIT)				
MAXIMUM HOURLY				
COMBUSTION RATE (UNITS/HR)				
NORMAL ANNUAL				
COMBUSTION RATE (UNITS/YR)				
COMBOSTICK (OKTO) TK)	. 1			
METHOD OF ASH DISPOSAL				

POTENTIAL HAPS IN WASTES

HAP DESCRIPTION	HAP CAS	FRACTION IN	FRACTION IN	FRACTION IN
	NUMBER	WASTE FEED	BOTTOM ASH	FLY ASH
		BY WEIGHT	BY WEIGHT	BY WEIGHT

			-	
			••••	

SECTION 4, PART B

OPERATING DATA

PERCENT FUEL CONSUMPTION P	ER QUARTER		OPERATING SC	CHEDULE]		
DEC-FEB			HOURS/DAY]		
MAR-MAY			DAY/WEEK]		
JUN-AUG]		WEEKS/YEAR]		
SEP-NOV]						
POLLUTION CONTROL EQUIPMEN	т						
PARAMETER TYPE	' ¬	PRIMARY	1		SECONDAR	7	
		TAMPACT	J		02001107111	·	
TYPE CODE (FROM APP. A)							
MANUFACTURER	<u> </u>						
MODEL NUMBER							
PRESSURE DROP (IN. OF WATER)							
WET SCRUBBER FLOW (GPM)	T						
BAGHOUSE AIR/CLOTH RATIO (FP	M)						
VENTILATION AND BUILDING/AREA	A DATA		ST	ACK DATA			
ENCLOSED (Y/N)?]		GROUND ELEV	ATION (FT)			
HOOD TYPE (FROM APP. B)]		UTM X COORD	NATE (KM)			
MINIMUM FLOW (ACFM)]		UTM Y COORD	INATE (KM)			
PERCENT CAPTURE EFFICIENCY]		STACK TYPE (S	SEE NOTE BELOW)			
BUILDING HEIGHT (FT)]		STACK EXIT HE	IGHT FROM GROU	ND LEVEL (F	T)	
BUILDING/AREA LENGTH (FT)]		STACK EXIT DIA	AMETER (FT)			
BUILDING/AREA WIDTH (FT)	٦		STACK EXIT GA	AS FLOWRATE (ACF	-M)		
	_		STACK EXIT TE	MPERATURE (DEG	. F)		
AIR POLLUTANT EMISSIONS							
POLLUTANT CAS NUMBER		EMISSION	PERCENT	ESTIMATED OR		ALLOWABLE I	EMISSIONS
		FACTOR (SEE BELOW)	CONTROL EFFICIENCY	MEASURED EMISSIONS (LBS/HR)	(LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10			<u> </u>				
SO2							
				I	I	1	T
СО					l	<u> </u>	
NOX					l	L	
VOC							
LEAD							

DEQ USE ONLY					
DEQ PLANT ID CODE	DEQ PROCESS CODE		DEQ STACK ID COL	E	
DEQ BUILDING CODE	PRIMARY SCC		SECONDARY SCC		
DEQ SEGMENT CODE					
PART A: GENERAL INFORMATION					
PROCESS CODE OR DESCRIPTIO IPP	DIESEL FUEL TANK				
STACK DESCRIPTION NA	1				
BUILDING DESCRIPTION NA					
DATE INSTALLED	DATE LAST MODIFIED Octo	tober, 1998			
OFFICE AND MATERIAL HANGE	OLING DATA				
GENERAL TANK AND MATERIAL HAND					
	PIESEL	NIGURIT (OALLONG)			
TANK CAPACITY (GALLONS)		DUGHPUT (GALLONS)	213,000		
TANK TYPE 5		URCE 3			
PLEASE CHOOSE FROM BELOW (01) FIXED ROOF	(01	EASE CHOOSE FROM (1) PIPELINE	BELOW		
(02) FLOATING ROOF (OR INTERNAL (03) VARIABLE VAPOR SPACE	,	2) RAIL CAR 3) TANK TRUCK			
(04) PRESSURE TANK (05) UNDERGROUND - SPLASH LOA		4) SHIP BARGE 5) OTHER			
(06) OTHER	·				
ADDITIONAL VAPOR PHASE DEGREAS	SING DATA				
MANUFACTURER OF DEGREASING A		NE	TANK SURFACE AREA (SQ. FT)	690	
TEMPERATURE OF DEGREASING AGE			METHOD OF VAPOR RECOVER		
TEMPERATURE OF DEGREASING ACE	INT IN TANK (BEG.1)		Please choose from below: (01) Incineration	. , , , ,	
			(02) Refrigerated Liquid Scrubbe	er	
			(03) Refrigerated Condenser (04) Carbon Adsorption		
			(05) Vapor Return System (06) No Recovery System		
			(07) Other		
ADDITIONAL MATERIAL HANDLING DA	NTA .				
PHYSICAL STATE Liquid	NUMBER OF	2	NUMBER OF IN-LINE		NUMBER OF SAFETY
	PUMP SEALS		VALVES		RELIEF VALVES
NUMBER OF 1 OPEN-ENDED LINES	NUMBER OF SAMPLING CONNECTIONS	1			NUMBER OF SAMPLING CONNECTIONS
MATERIAL DATA					
HAP DESCRIPTION	HAP CAS		HAP FRACTION	_	
	NUMBER		IN MATERIAL BY WEIGHT		
NONE					

)F	EF	₹AT	ING	DA	TΑ
--	----	----	-----	-----	----	----

PERCENT FUEL CONSUMPTION PER QUARTER		OPERATING S	CHEDULE]		
DEC-FEB 25		HOURS/DAY	24	1		
MAR-MAY 25		DAY/WEEK	1 7	7		
JUN-AUG 25		WEEKS/YEAR	52	1		
SEP-NOV 25						
DOLLATION CONTROL FOUNDMENT NOME						
POLLUTION CONTROL EQUIPMENT NONE	Industry I	-		[0===1:5:5		
PARAMETER TYPE	PRIMARY			SECONDAR	Y	
TYPE CODE (FROM APP. A)						
MANUFACTURER						
MODEL NUMBER						
PRESSURE DROP (IN. OF WATER)						
WET SCRUBBER FLOW (GPM)						
BAGHOUSE AIR/CLOTH RATIO (FPM)						
·						
VENTILATION AND BUILDING/AREA DATA		S-	TACK DATA			
ENCLOSED (Y/N)? NO		GROUND ELE	VATION (FT)		4,498	
HOOD TYPE (FROM APP. B) NA		UTM X COORE	DINATE (KM)		388	
MINIMUM FLOW (ACFM) NA		UTM Y COORE	DINATE (KM)		4,784	
PERCENT CAPTURE EFFICIENCY 0] .	STACK TYPE (SEE NOTE BELOW)		SEE TANKS4	.0
BUILDING HEIGHT (FT) NA		STACK EXIT H	EIGHT FROM GROU	IND LEVEL (F	SEE TANKS4	0
BUILDING/AREA LENGTH (FT) NA		STACK EXIT DI	AMETER (FT)		SEE TANKS4.	0
BUILDING/AREA WIDTH (FT) NA		STACK EXIT G	AS FLOWRATE (ACF	=M)	SEE TANKS4	0
		STACK EXIT TE	EMPERATURE (DEG	. F)	SEE TANKS4.	0
AIR POLLUTANT EMISSIONS						
POLLUTANT CAS NUMBER	EMISSION FACTOR	PERCENT CONTROL	ESTIMATED OR MEASURED		ALLOWABLE	EMISSIONS
	(SEE BELOW)	EFFICIENCY	EMISSIONS (TONS/YR)	(LBS/HR)	(TONS/YR)	REFERENCE
					I	
PM				<u> </u>		
PM-10						
SO2			<u>.</u>			
CO						
NOX	1		<u> </u>			
						•

NOTE:

VOC

LEAD

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

0.0013

TANKS4.0

NONE

NOX

LEAD

6 FUEL OIL TANK

•							
OPERATING DATA							
PERCENT FUEL CONSUMPTION PE	R QUARTER		OPERATING S	CHEDULE]		
DEC-FEB 25]		HOURS/DAY	24]		
MAR-MAY 25]		DAY/WEEK	7]		
JUN-AUG 25]		WEEKS/YEAR	52]		
SEP-NOV 25]						
POLLUTION CONTROL EQUIPMENT	NONE		_				
PARAMETER TYPE]	PRIMARY			SECONDAR'	Y	
TYPE CODE (FROM APP. A)							
MANUFACTURER							
MODEL NUMBER				10.14.14			
PRESSURE DROP (IN. OF WATER)							
WET SCRUBBER FLOW (GPM)							
BAGHOUSE AIR/CLOTH RATIO (FPM	A)						
VENTILATION AND BUILDING/AREA		_		TACK DATA			
ENCLOSED (Y/N)?	NO	_	GROUND ELE\	/ATION (FT)		4,498	
HOOD TYPE (FROM APP. B)	NA	_	UTM X COORD	INATE (KM)		388	
MINIMUM FLOW (ACFM)	NA		UTM Y COORD	NATE (KM)		4,784	
PERCENT CAPTURE EFFICIENCY	0		STACK TYPE (SEE NOTE BELOW)		SEE TANKS4	.0
BUILDING HEIGHT (FT)	NA		STACK EXIT HE	EIGHT FROM GROU	ND LEVEL (F	SEE TANKS4	.0
BUILDING/AREA LENGTH (FT)	NA]	STACK EXIT DI	AMETER (FT)		SEE TANKS4	.0
BUILDING/AREA WIDTH (FT)	NA		STACK EXIT G	AS FLOWRATE (ACF	-M)	SEE TANKS4	.0
			STACK EXIT TE	MPERATURE (DEG	. F)	SEE TANKS4	.0
AIR POLLUTANT EMISSIONS				T	.		
POLLUTANT CAS NUMBER		EMISSION FACTOR	PERCENT CONTROL	ESTIMATED OR MEASURED		ALLOWABLE	
		(SEE BELOW)	EFFICIENCY	EMISSIONS (TONS/YR)	(LBS/HR)	(TONS/YR)	REFERENCE
PM						<u> </u>	
PM-10				1		1	1
SO2						I	1
		1	· .		I	<u> </u>	<u> </u>
CO		ı	I .	1	ı	1	1

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

0.00002

TANKS4.0

DEQ USE ONLY			
DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE	
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC	
DEQ SEGMENT CODE			
PART A: GENERAL INFORMATION			
PROCESS CODE OR DESCRIPTION FUEL (OIL RESERVE TANK		
STACK DESCRIPTION NA			
BUILDING DESCRIPTION NA			
DATE INSTALLED 1973	DATE LAST MODIFIED 1973	3	
GENERAL TANK AND MATERIAL HANDLIN	IG DATA		
MATERIAL DESCRIPTION # 6 FU	EL OIL		
TANK CAPACITY (GALLONS) 10	,000 ANNUAL THROUGHP	JT (GALLONS) 350,000 - Tenitive amount being request	ed to burn.
TANK TYPE 1	SOURCE	3	
PLEASE CHOOSE FROM BELOW (01) FIXED ROOF (02) FLOATING ROOF (OR INTERNAL CO (03) VARIABLE VAPOR SPACE (04) PRESSURE TANK (05) UNDERGROUND - SPLASH LOADIN (06) OTHER	(01) PIPE DVER) (02) RAIL (03) TAN (04) SHIF	. CAR K TRUCK P BARGE	
ADDITIONAL VAPOR PHASE DEGREASING	G DATA		
MANUFACTURER OF DEGREASING AGEN	NT NONE	TANK SURFACE AREA (SQ. FT)	690
TEMPERATURE OF DEGREASING AGENT	IN TANK (DEG. F)	METHOD OF VAPOR RECOVERY Please choose from below: (01) Incineration (02) Refrigerated Liquid Scrubber (03) Refrigerated Condenser (04) Carbon Adsorption (05) Vapor Return System (06) No Recovery System (07) Other	6
ADDITIONAL MATERIAL HANDLING DATA			
PHYSICAL STATE Liquid	NUMBER OF COMPUMP SEALS	NUMBER OF IN-LINE 1 VALVES	NUMBER OF SAFETY RELIEF VALVES
NUMBER OF 1 OPEN-ENDED LINES	NUMBER OF SAMPLING CONNECTIONS		NUMBER OF SAMPLING CONNECTIONS
MATERIAL DATA			
HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL	
NONE		BY WEIGHT	

VOC

LEAD

FUEL OIL RESERVE TANK

OPERATING DATA PERCENT FUEL CONSUMPTION PER QUARTER OPERATING SCHEDULE DEC-FEB 25 HOURS/DAY 24 MAR-MAY 25 DAYWEEK JUN-AUG 25 WEEKS/YEAR 52 SEP-NOV POLLUTION CONTROL EQUIPMENT NONE PARAMETER TYPE PRIMARY . SECONDARY TYPE CODE (FROM APP. A) MANUFACTURER MODEL NUMBER PRESSURE DROP (IN. OF WATER) WET SCRUBBER FLOW (GPM) BAGHOUSE AIR/CLOTH RATIO (FPM) VENTILATION AND BUILDING/AREA DATA STACK DATA ENCLOSED (Y/N)? NO GROUND ELEVATION (FT) 4,498 HOOD TYPE (FROM APP. B) UTM X COORDINATE (KM) NA 388 MINIMUM FLOW (ACFM) NA UTM Y COORDINATE (KM) 4,784 PERCENT CAPTURE EFFICIENCY 0 STACK TYPE (SEE NOTE BELOW) SEE TANKS4.0 BUILDING HEIGHT (FT) NA STACK EXIT HEIGHT FROM GROUND LEVEL (F) SEE TANKS4.0 BUILDING/AREA LENGTH (FT) NA STACK EXIT DIAMETER (FT) SEE TANKS4.0 BUILDING/AREA WIDTH (FT) NA STACK EXIT GAS FLOWRATE (ACFM) SEE TANKS4.0 STACK EXIT TEMPERATURE (DEG. F) SEE TANKS4.0 AIR POLLUTANT EMISSIONS POLLUTANT CAS NUMBER EMISSION PERCENT ESTIMATED OR ALLOWABLE EMISSIONS FACTOR CONTROL MEASURED (SEE BELOW) EFFICIENCY **EMISSIONS** (LBS/HR) (TONS/YR) REFERENCE (TONS/YR) РМ PM-10 SO2 CO NOX

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

0.00004

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

TANKS4.0

IN MATERIAL BY WEIGHT

NUMBER

NONE

GASOLINE TANK

OPERATING DATA

PERCENT FL	JEL CONSUMPTION F	PER QUARTER		OPERATING S	CHEDULE]		
DEC-FEB	2	5		HOURS/DAY	24	4		
MAR-MAY	2	5	•	DAY/WEEK	7	7		
JUN-AUG	2	5		WEEKS/YEAR	52	2		
SEP-NOV	. 2	5						
POLLUTION (CONTROL EQUIPMEN	IT NONE						
PARAMETER	TYPE		PRIMARY			SECONDAR	Y	
TYPE CODE	(FROM APP. A)							
MANUFACTU	RER	1						
MODEL NUM	BER							
PRESSURE D	ROP (IN. OF WATER)						
WET SCRUBE	BER FLOW (GPM)							
BAGHOUSE A	NR/CLOTH RATIO (FP	M)				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
VENTILATION	AND BUILDING/AREA	A DATA		รา	FACK DATA			
ENCLOSED ((/N)?	NO]	GROUND ELEV	/ATION (FT)		4,498	
HOOD TYPE (FROM APP. B)	NA]	UTM X COORD	INATE (KM)		388	
MINIMUM FLO	W (ACFM)	NA]	UTM Y COORD	NATE (KM)		4,784	
PERCENT CA	PTURE EFFICIENCY	0]	STACK TYPE (SEE NOTE BELOW)		SEE TANKS4	.0
BUILDING HE	GHT (FT)	NA]	STACK EXIT HE	EIGHT FROM GROU	ND LEVEL (F	SEE TANKS4	.0
BUILDING/ARI	EA LENGTH (FT)	NA]	STACK EXIT DI	AMETER (FT)		SEE TANKS4	.0
BUILDING/ARE	EA WIDTH (FT)	NA]	STACK EXIT GA	AS FLOWRATE (ACF	-M)	SEE TANKS4	0
				STACK EXIT TE	EMPERATURE (DEG	. F)	SEE TANKS4	0
AIR POLLUTAI	NT EMISSIONS		Ì					
POLLUTANT	CAS NUMBER		EMISSION FACTOR	PERCENT CONTROL	ESTIMATED OR		ALLOWABLE	EMISSIONS
			(SEE BELOW)	EFFICIENCY	MEASURED EMISSIONS (TONS/YR)	(LBS/HR)	(TONS/YR)	REFERENCE
РМ							1	1
PM-10								
				I				1
SO2				I				
со								
NOX				1				
	·				·			

NOTE:

VOC

LEAD

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

0.086

TANKS4.0

SECTION 5: STORAGE AND HANDLING OF LIQUID	O SOLVENTS & OTHER VOLATILE COMPO	UNDS JET FUEL "A" TANK		
DEQ USE ONLY				
DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE		
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC		
DEQ SEGMENT CODE				
PART A: GENERAL INFORMATION				
PROCESS CODE OR DESCRIPTION JET 9	FUEL "A" TANK			
STACK DESCRIPTION NA				
BUILDING DESCRIPTION NA				
DATE INSTALLED	DATE LAST MODIFIED Oct-98			
GENERAL TANK AND MATERIAL HANDLING DATA				
MATERIAL DESCRIPTION JET FUEL				
TANK CAPACITY (GALLONS) 10,000	ANNUAL THROUGHPUT (GALLONS)	40,000		
TANK TYPE 5	SOURCE	3		
PLEASE CHOOSE FROM BELOW (01) FIXED ROOF (02) FLOATING ROOF (OR INTERNAL COVER) (03) VARIABLE VAPOR SPACE (04) PRESSURE TANK (05) UNDERGROUND - SPLASH LOADING (06) OTHER	(01) PIEASE CHI (02) RAIL C (03) TANK (04) SHIP E (05) OTHEI	CAR TRUCK BARGE		
ADDITIONAL VAPOR PHASE DEGREASING DATA				
MANUFACTURER OF DEGREASING AGENT	NONE	TANK SURFACE AREA (SQ. FT)	690	
TEMPERATURE OF DEGREASING AGENT IN TANK	K(DEG, F)	METHOD OF VAPOR RECOVERY Please choose from below: (01) Incineration (02) Refrigerated Liquid Scrubber (03) Refrigerated Condenser (04) Carbon Adsorption (05) Vapor Return System (06) No Recovery System (07) Other	6	
ADDITIONAL MATERIAL HANDLING DATA				
PHYSICAL STATE Liquid	NUMBER OF 2 PUMP SEALS	NUMBER OF IN-LINE 2 VALVES	NUMBER OF SAFETY RELIEF VALVES	0
NUMBER OF 1 OPEN-ENDED LINES	NUMBER OF SAMPLING 1 CONNECTIONS		NUMBER OF SAMPLING CONNECTIONS	1
MATERIAL DATA				
HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL		
NONE		BY WEIGHT		

JET FUEL TANK

OPERATING DATA						
PERCENT FUEL CONSUMPTION PER C	QUARTER	OPERATING SO	CHEDULE			
DEC-FEB 25		HOURS/DAY	24	1		
MAR-MAY 25		DAY/WEEK	7]		
JUN-AUG 25		WEEKS/YEAR	52			
SEP-NOV 25						
POLLUTION CONTROL EQUIPMENT NO	DNE					
PARAMETER TYPE	PRIMARY] .		SECONDARY	<u> </u>	
TYPE CODE (FROM APP. A)						
MANUFACTURER						
MODEL NUMBER						
PRESSURE DROP (IN. OF WATER)						
WET SCRUBBER FLOW (GPM)						
BAGHOUSE AIR/CLOTH RATIO (FPM)						
VENTILATION AND BUILDING/AREA DA	ΤΔ	ST	ACK DATA			
		GROUND ELEV	-1-2-111		4,498	
HOOD TYPE (FROM APP. B) NA		UTM X COORD			388	
MINIMUM FLOW (ACFM)		UTM Y COORD	NATE (KM)		4,784	
PERCENT CAPTURE EFFICIENCY 0		STACK TYPE (S	SEE NOTE BELOW)		SEE TANKS4.	0
BUILDING HEIGHT (FT) NA		STACK EXIT HE	IGHT FROM GROU	ND LEVEL (F	SEE TANKS4.	0
BUILDING/AREA LENGTH (FT) NA		STACK EXIT DIA	AMETER (FT)		SEE TANKS4.	0
BUILDING/AREA WIDTH (FT) NA		STACK EXIT GA	S FLOWRATE (ACF	M)	SEE TANKS4.	0
		STACK EXIT TE	MPERATURE (DEG	. F)	SEE TANKS4.	0
AIR POLLUTANT EMISSIONS						
POLLUTANT CAS NUMBER		1	ESTIMATED OR		ALLOWABLE	EMISSIONS
	(SEE BELOW)	CONTROL EFFICIENCY	MEASURED EMISSIONS (TONS/YR)	(LBS/HR)	(TONS/YR)	REFERENCE
PM		1			I	
		1			I	·
PM-10					I	
SO2					<u> </u>	
CO						
NOX						

NOTE:

VOC

LEAD

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

0.035

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

TANKS4.0

SECTION 6: LOADING RACKS

NOT APPLICABLE

DEQ USE ONLY	
DEQ PLANT ID CODE DEQ PROCESS CODE	DEQ STACK ID CODE
DEQ BUILDING CODE PRIMARY SCC	SECONDARY SCC
DEQ SEGMENT CODE	
PART A: LOADING RACK DATA	
PROCESS CODE OR DESCRIPTION	
STACK DESCRIPTION	
BUILDING DESCRIPTION	
DATE INSTALLED	DATE MODIFIED
TYPE OF LOADING	LOADING ARM VAPOR CLOSURE
Please choose from the following:	Please choose from the following:
Please choose from the following: (01) Overhead loading - splash fill, normal service;	Please choose from the following: (01) Incineration
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced;	Please choose from the following: (01) Incineration (02) GREENWOOD
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service;	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service;	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service; (05) Bottom loading - normal service;	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN (05) None - open to air
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service;	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service; (05) Bottom loading - normal service;	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN (05) None - open to air
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service; (05) Bottom loading - normal service; (06) Bottom loading - balanced service	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN (05) None - open to air
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service; (05) Bottom loading - normal service; (06) Bottom loading - balanced service MATERIAL LOADED	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN (05) None - open to air
Please choose from the following: (01) Overhead loading - splash fill, normal service; (02) Overhead loading - splash fill, balanced serviced; (03) Overhead loading - submerged fill, normal service; (04) Overhead loading - submerged fill, balanced service; (05) Bottom loading - normal service; (06) Bottom loading - balanced service MATERIAL LOADED ANNUAL THROUGHPUT (GAL.)	Please choose from the following: (01) Incineration (02) GREENWOOD (03) SOCO (04) CHICKSAN (05) None - open to air

DEQ USE ONLY

NOTE:

OPERATING DATA						
PERCENT FUEL CONSUMPTION PER QUARTER	?	OPERATING SC	CHEDULE			
DEC-FEB		HOURS/DAY				
MAR-MAY		DAY/WEEK				
JUN-AUG		WEEKS/YEAR				
SEP-NOV						
POLLUTION CONTROL EQUIPMENT						
PARAMETER TYPE	PRIMARY		I	SECONDARY	·	
TYPE CODE (FROM APP. A)						
MANUFACTURER						
MODEL NUMBER						
PRESSURE DROP (IN. OF WATER)			-			
WET SCRUBBER FLOW (GPM)						
BAGHOUSE AIR/CLOTH RATIO (FPM)						
VENTILATION AND BUILDING/AREA DATA		ST	ACK DATA			
ENCLOSED (Y/N)?		GROUND ELEV	ATION (FT)			
HOOD TYPE (FROM APP. B)		UTM X COORD	INATE (KM)			
MINIMUM FLOW (ACFM)		UTM Y COORD	INATE (KM)			
PERCENT CAPTURE EFFICIENCY		STACK TYPE (SEE NOTE BELOW)			
BUILDING HEIGHT (FT)		STACK EXIT HE	EIGHT FROM GROU	ND LEVEL (F	Γ)	
BUILDING/AREA LENGTH (FT)		STACK EXIT DI	AMETER (FT)			
BUILDING/AREA WIDTH (FT)		STACK EXIT G	AS FLOWRATE (ACF	-M)		
		STACK EXIT TE	MPERATURE (DEG	. F)		
AIR POLLUTANT EMISSIONS						
POLLUTANT CAS NUMBER	EMISSION FACTOR	PERCENT CONTROL	ESTIMATED OR MEASURED		ALLOWABLE I	
	(SEE BELOW)	EFFICIENCY	EMISSIONS (LBS/HR)	(LBS/HR)	(TONS/YR)	REFERENCE
PM						
PM-10						
SO2						
со						
NOX			<u> </u>			
Voc						
LEAD						

STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 8:	FUGITIVE	ROAD	DUST	SOURCES

S PAVED WITH ATTACHED SPREADSHEET

DEQ PLANT ID CODE	DEQ PROCESS CODE	DEQ STACK ID CODE
DEQ BUILDING CODE	PRIMARY SCC	SECONDARY SCC

DEQ SEGMENT CODE

PART A: GENERAL INFORMATION

ROAD DESCRIPTION	SEE FUGITIVE DUST SPREADSHET

PAVED? (Y/N) Y

[BEGINNING COORDINATES		END COORDINATES	3
	UTM-X (KM)	UTM-Y (KM)	UTM-X (KM)	UTM-Y (KM)
ı	NA		NA	

DATA FOR ALL ROADS - PAVED AND UNPAVED

VEHICLE DESCRIPTION	NUMBER OF	VEHICLE MILES	NUMBER OF DAYS	AVERAGE VEHICLE	SURFACE SILT	LENGTH (F	WIDTH (FT
VEINGER DEGUNITORIES	ROUNDTRIPS	TRAVELED	PER YEAR USED	SPEED (MPH)	CONTENT		
	PER DAY	PER DAY			(% WEIGHT)		
18-wheel diesel with refrigerated trailer	2	0.23	365	10	5.5	10	300
10-wheel diesel spud truck	11	3	365	10	5.5	10	712
18-wheel diesel spud truck	6	1.6	365	10	5.5	10	712
10-wheel diesel spud truck	7	2.5	365	10	5.5	20	950
18-wheel diesel spud truck with refrigerated trailer	61	22	365	10	5.5	20	950
18-wheel diesel spud truck with refrigerated trailer	1.6	0.7	365	10	5.5	10	1168
18-wheel diesel spud truck	60	13	365	10	5.5	20	573
18-wheel diesel with refrigerated trailer	40	8.7	365	10	5.5	20	573
10-wheel diesel spud truck	11	3.2	365	10	5.5	10	757
10-wheel diesel dump truck	3	1.2	365	10	5.5	10	1063
10-wheel diesel pump truck	6	2.4	365	10	5.5	10	1063

DATA: UNPAVED ROADS

VEHICLE DESCRIPTION	VEHICLE	VEHICLE FULL	NUMBER OF WHEELS	NUMBER OF DAYS
	EMPTY WEIGHT	WEIGHT	PER VEHICLE	>0.01 INCHES
	(TONS)	TONS		PRECIPITATION
NONE				

DATA: PAVED ROADS

NUMBER OF	INDUSTRIAL	DUST LOADING
LANES	AUGMENTATION	(LB/MILE)
	FACTOR	
	2	

ROAD DUST CHEMICAL DATA

HAP DESCRIPTION	HAP CAS	HAP FRACTION
	NUMBER	IN ROAD DUST
		BY WEIGHT
NONE		

SECTION	8,	PART	В

FACILITY-WIDE

PAVED

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER					
DEC-FEB	25				
MAR-MAY	25				
JUN-AUG	25				
SEP-NOV	25				

OPERATING SCHEDU	ILE	
HOURS/DAY	24	
DAYWEEK	7	
WEEKS/YEAR	365	

FUGITIVE DUST CONTROL DATA

PARAMETER	PRIMARY	SECONDARY
CONTROL DESCRIPTION		
CONTROL CODE (APPENDIX A)	NONE	NONE
MANUALINA DAILY ADDI IOATIONS OF CONTROL		
MINIMUM DAILY APPLICATIONS OF CONTROL		
MAXIMUM DAILY APPLICATIONS OF CONTROL		
AVERAGE ANNUAL APPLICATIONS OF CONTR	OL	
AMOUNT APPLIED (UNITS/APPLICATION)		
UNITS FOR APPLICATION AMOUNT		

AIR POLLUTANT EMISSIONS

SEE ATTACHED SPREADSHEET

	FACTOR	PERCENT	ESTIMATED OR MEASURED	ALLOWABLE EMISSIONS		
	 (SEE BELOW)	EFFICIENCY	EMISSIONS (T/yr)	(LBS/HR)	(TONS/YR)	REFERENCE
РМ						
PM-10	 0.00479	0	13	No Limit	No Limit	Tier II OP No. 011-00027

NOTES: IN LBS/UNIT. USE UNITS OF VEHICLE MILES TRAVELED (VMT).

5.0 REGULATORY APPLICABILITY ANALYSIS

In preparing and submitting this application, Nonpareil has evaluated the applicability of state and Federal regulations to the facility. Each subsection contains the applicability analysis for a specific subset of air quality regulations, as follows:

- Subsection 5.1 Applicable and Inapplicable IDAPA 58.01.01 Requirements
- Subsection 5.2 Applicable and Inapplicable Federal Air Quality Regulations General
- Subsection 5.3 Applicable and Inapplicable New Source Performance Standards (40 CFR Part 60)
- Subsection 5.4 Applicable and Inapplicable National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
- Subsection 5.5 Applicable and Inapplicable National Emission Standards for Hazardous Air Pollutants for Source Categories (40 CFR Part 63)
- Subsection 5.6 Specific Applicable and Inapplicable Requirement Discussion

5.1 APPLICABLE AND INAPPLICABLE IDAPA 58.01.01 REQUIREMENTS

Table 4-1 cites the applicable and inapplicable requirements of the Rules for the Control of Air Pollution in Idaho (IDAPA 58.01.01) for air emitting activities at Nonpareil:

Table 5.1-1 Applicable and Inapplicable IDAPA 58.01.01 Requirements

Citation under IDAPA 58.01.01	Title	Compliance Determination Method (Recordkeeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
000	LEGAL AUTHORITY General Applicability	N/A	No	N/A	No substantive requirements (Note B)
001	TITLE AND SCOPE General Applicability	N/A	No	N/A	No substantive requirements (Note B)
002		N/A	No	N/A	No substantive requirements (Note B)
003	ADMINISTRATIVE APPEALS General Applicability	N/A	Yes	N/A	No substantive requirements
004	CATCHLINES General Applicability	N/A	Yes	N/A	No substantive requirements
005	DEFINITIONS General Applicability	N/A	Yes	N/A	No substantive requirements
006	GENERAL DEFINITIONS General Applicability	N/A	Yes	N/A	No substantive requirements

Citation under IDAPA 58.01.01	Title	Compliance Determination Method (Recordkeeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
007	DEFINITIONS FOR THE PURPOSES OF SECTIONS 200 THROUGH 225 AND 400 THROUGH 461 General Applicability	N/A	Yes	N/A	Sections 200-225 only apply No substantive requirements
008	DEFINITIONS FOR THE PURPOSES OF SECTIONS 300 THROUGH 386 General Applicability	N/A	Yes	N/A	No substantive requirements
009	DEFINITIONS FOR THE PURPOSES OF 40 CFR PART 60 General Applicability	N/A	Yes	N/A	No substantive requirements
010	DEFINITIONS FOR THE PURPOSES OF 40 CFR PART 61 AND 40 CFR PART 63	N/A	Yes	N/A	No substantive requirements
011	DEFINITIONS FOR THE PURPOSE OF SECTIONS 790 THROUGH 799	N/A	No	N/A	(Note D)
106	ABBREVIATIONS General Applicability	N/A	Yes	N/A	No substantive requirements
107	INCORPORATIONS BY REFERENCE General Applicability	N/A	Yes	N/A	No substantive requirements
121	COMPLIANCE REQUIREMENTS BY DEPARTMENT	As specified for individual requirements	Yes	Yes	Requirements determined by the Department stated elsewhere in the Tier I application.
122 .	INFORMATION ORDERS BY THE DEPARTMENT	N/A	No	N/A	(Note B)
123	CERTIFICATION OF DOCUMENTS General Applicability	Recordkeeping	Yes	Yes	
124	TRUTH, ACCURACY AND COMPLETENESS OF DOCUMENTS General Applicability	Recordkeeping	Yes	Yes	·
125	FALSE STATEMENTS General Applicability	Recordkeeping	Yes	Yes	
126	TAMPERING General Applicability	Recordkeeping	Yes	Yes	
127	FORMAT OF RESPONSES General Applicability	Recordkeeping	Yes	Yes	
128	CONFIDENTIAL INFORMATION General Applicability	Recordkeeping	Yes	Yes	
130-136	UPSET, BREAKDOWN, AND EXCESS EMISSIONS REQUIREMENTS	Reporting/Recordkeeping	Yes	Yes	
140-149	VARIANCE PROCEDURES and PETITIONS General Applicability	N/A	No	N/A	(Notes A,C)
155	CIRCUMVENTION General Applicability	Recordkeeping	Yes	Yes	No installation or use of any device conceals an emission of air pollutants.
156	TOTAL COMPLIANCE General Applicability	Recordkeeping	Yes	Yes	L avvanous
157	TEST METHODS AND PROCEDURES General Applicability	Recordkeeping	Yes	Yes	

Citation under IDAPA 58.01.01	Title	Compliance Determination Method (Recordkeeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
160	PROVISIONS GOVERNING SPECIFIC ACTIVITIES AND CONDITIONS General Applicability	Recordkeeping	Yes	Yes	
161	TOXIC SUBSTANCES General Applicability	Recordkeeping	Yes	Yes	(Note A)
162	MODIFYING PHYSICAL CONDITIONS General Applicability	N/A	No	N/A	(Note B)
163	SOURCE DENSITY	N/A	Ņo	N/A	(Note B)
164	POLYCHLORINATED BIPHENYLS (PCBs) Requirements or Standards: Prohibits burning PCB containing materials, in quantities greater that five (5) ppm, except for disposal.	N/A	No	N/A	(Note F)
175 - 181	EMISSION CAPS	N/A	No	N/A	
200 - 203	PROCEDURES AND REQUIREMENTS FOR PERMITS TO CONSTRUCT General Applicability	N/A	No	N/A	
204	PERMIT REQUIREMENTS FOR NEW MAJOR FACILITIES OR MAJOR MODIFICATIONS IN NONATTAINMENT AREAS	N/A	No	N/A	
205	PERMIT REQUIREMENTS FOR NEW MAJOR FACILITIES OR MAJOR MODIFICATIONS IN ATTAINMENT OR UNCLASSIFIABLE AREAS	N/A	Yes	N/A	
206 - 208	OPTIONAL OFFSETS FOR PERMITS TO CONSTRUCT; EMISSION REDUCTION CREDIT; NET AIR QUALITY BENEFIT	N/A	No	N/A	(Note C)
209	PROCEDURES FOR ISSUING PERMITS	N/A	No	N/A	(Note B)
210	DEMONSTRATION OF PRECONSTRUCTION COMPLIANCE WITH TOXIC STANDARDS	Recordkeeping/Reporting	Yes	Yes	
211	CONDITIONS FOR PERMITS TO CONSTRUCT	N/A	No	N/A	(Note B)
212	OBLIGATION TO COMPLY	Specific for each requirement	Yes	Yes	
213	PRE-PERMIT CONSTRUCTION	N/A	No	N/A	(Notes C, D)
214	DEMONSTRATION OF PRECONSTRUCTION COMPLIANCE FOR NEW AND RECONSTRUCTED SOURCES OF HAZARDOUS AIR POLLUTANTS	N/A	No	N/A	(Note D)
	EXEMPTIONS FROM PERMIT TO CONSTRUCT REQUIREMENTS	N/A	No	N/A	(Note C, D)
224 - 227	FEES	N/A	No	N/A	(Note D)
228	APPEALS	N/A	N/A	N/A	
300-316	PROCEDURES AND	All	Yes	Yes	

		Compliance		1	
·		Determination			
Citation		Method			
under		(Recordkeeping,		ln	Explanation Code
IDAPA 58.01.01		Monitoring, Reporting, Test Method)	Applicable	Compliance Yes or No	
	Title		Yes or No		Additional Information
	REQUIREMENTS FOR TIER I) ···			
	OPERATING PERMITS General Applicability				
317	INSIGNIFICANT ACTIVITIES	None	Yes	Yes	Insignificant activities have no applicable requirements
321	TIER I OPERATING PERMIT CONTENTS	All	Yes	Yes	·
322	General Applicability STANDARD CONTENTS OF	N/A	No	N/A	(Note B)
322	TIER I OPERATING PERMITS General Applicability to Tier I Sources	IVA		IVA	(Note B)
325	ADDITIONAL CONTENTS OF TIER I OPERATING PERMITS - PERMIT SHIELD General Applicability to Tier I Sources	N/A	Yes	N/A	No substantive requirements
332	EMERGENCY AS AN AFFIRMATIVE DEFENSE REGARDING EXCESS EMISSIONS. General Applicability to Tier I Sources	Reporting/Recordkeeping	Yes	Yes	
335	GENERAL TIER I OPERATING	N/A	Yes	Yes	
	PERMITS AND AUTHORIZATIONS TO OPERATE				
336	TIER I OPERATING PERMITS FOR TIER I PORTABLE SOURCES	N/A	No	N/A	(Notes A, D)
360-368	STANDARD PROCESSING OF TIER I OPERATING PERMIT APPLICATIONS General Applicability to Tier I Sources	N/A	No	N/A	(Note B)
369	TIER I OPERATING PERMIT RENEWAL General Applicability to Tier I Sources	N/A	No	N/A	(Note C)
380-386	CHANGES TO TIER I OPERATING PERMITS General Applicability to Tier I Sources	N/A	No	N/A	(Note C)
387 - 397	FEES	N/A	Yes	Yes	
400-406	PROCEDURES AND REQUIREMENTS FOR TIER II OPERATING PERMITS	N/A	No	N/A	This is a Tier I application.
407 - 410	FEES	N/A	No	N/A	
440	REQUIREMENTS FOR ALTERNATIVE EMISSION LIMITS (BUBBLES)	N/A	No	N/A	(Note C)
441	DEMONSTRATION OF AMBIENT EQUIVALENCE	N/A	No	N/A	(Note C)
460-461	REQUIREMENTS FOR EMISSION REDUCTION CREDIT and BANKING	N/A	No	N/A	(Note C)
	EMISSION REDUCTION REGISTRATION PROCEDURES AND REQUIREMENTS FOR	N/A	No	N/A	(Note D)

		Compliance		T	
		Compliance			
		Determination			
Citation		Method			
under		(Recordkeeping,		l In	Explanation Code
			Applicable	Compliance	and/or
IDAPA		Monitoring,	Applicable		
58.01.01	Title	Reporting, Test	Yes or No	Yes or No	Additional Information
		Method)			
	PORTABLE EQUIPMENT				
510	STACK HEIGHTS AND	Air Dispersion Modeling;	Yes	Yes	See 511-516
	DISPERSION TECHNIQUES	Recordkeeping, Reporting			
511	APPLICABILITY	Recordkeeping	Yes	Yes	
512	DEFINITIONS	Recordkeeping	Yes	Yes	
513	REQUIREMENTS	Recordkeeping	Yes	Yes	
514	OPPORTUNITY FOR PUBLIC HEARING	N/A	No	No	(Note B)
515	APPROVAL OF FIELD	N/A	No	N/A	Administrative and/or
	STUDIES AND FLUID				procedural
	MODELS				-
516	NO RESTRICTION ON	N/A	Yes	N/A	No substantive requirements
	ACTUAL STACK HEIGHT				_
550-553 &	AIR POLLUTION	N/A	No	N/A	Applicability is case-by-case
556-561	EMERGENCY RULE				
562	SPECIFIC EMERGENCY	N/A	No	N/A	Nonpareil has not been
	EPISODE ABATEMENT		1		required by the Department to
	PLANS FOR POINT SOURCES				prepare an Emergency Episode
					Abatement Plan.
					(Note B)
563 - 574	TRANSPORTATION CONFORMITY	N/A	No	N/A	(Note D)
575-581	AIR QUALITY STANDARDS	Air Dispersion Modeling	Yes	Yes	
375 501	AND AREA CLASSIFICATION	and Monitoring			
582	INTERIM CONFORMITY	N/A	No	N/A	(Note D)
	PROVISIONS FOR NORTHERN				<u>`</u>
	ADA COUNTY FORMER NON-				
	ATTAINMENT AREA FOR PM-				
	10				
585-586	TOXIC AIR POLLUTANTS	Recordkeeping/Reporting	Yes	Yes	(Note A)
202 200	NON-CARCINOGENIC	1			(
	INCREMENTS, TOXIC AIR				
	POLLUTANTS				
	CARCINOGENIC				
	INCREMENTS				
587	LISTING OR DELISTING	N/A	No	N/A	(Note A, C)
367	TOXIC AIR POLLUTANT	IVA	110	14)24	(Note A, C)
	INCREMENTS				
590	NEW SOURCE	N/A	Yes	N/A	See specific comments on
3,0	PERFORMANCE STANDARDS				specific NSPS in Subsection
					5.6
591	NATIONAL EMISSION	N/A	No	N/A	Nonpareil is not major for
371	STANDARDS FOR	1771	1,0	1771	HAPs
	HAZARDOUS AIR				
	POLLUTANTS				
600-603 &	RULES FOR CONTROL OF	N/A	No	N/A	(Note F)
606-609	OPEN BURNING				,
610	INDUSTRIAL FLARES	N/A	Yes	N/A	No substantive requirements
611-617	RULES FOR CONTROL OF	N/A	No	N/A	(Note F)
	OPEN BURNING				
625	VISIBLE EMISSIONS	Monitoring, Reporting,	Yes	Yes	A person shall not emit an air
		Recordkeeping			pollutant from any point of
		_			emission for a period or
					periods aggregating more that
					3 minutes in any 60 minute
					period which is greater than
			<u> </u>		20% opacity.
626	GENERAL RESTRICTIONS ON	N/A	No	N/A	(Note B) Facility does not
	VISIBLE EMISSIONS FROM				have this emissions unit.
	WIGWAM BURNERS		1		

Citation under IDAPA 58.01.01	Title	Compliance Determination Method (Recordkeeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
650-651	RULES FOR CONTROL OF FUGITIVE DUST	Reasonable steps taken to control or mitigate fugitive dust	Yes		Reasonable precautions are utilized to control fugitive emissions at this facility. This is not applicable to any point source.
675	FUEL BURNING EQUIPMENT - PARTICULATE MATTER Facility operates fuel burning equipment.		Yes	Yes	See rules 676-680
676	STANDARDS FOR NEW SOURCES	Recordkeeping	Yes	Yes	
677	STANDARDS FOR MINOR AND EXISTING SOURCES	N/A	No	N/A	(Note D)
678-680	COMBINATIONS OF FUELS	N/A	No	N/A	(Note C)
681	TEST METHODS AND PROCEDURES	Use of required test procedure(s)	Yes	Yes	
700	PARTICULATE MATTER PROCESS WEIGHT LIMITATIONS.		Yes	Yes	See rules 701-703
701	PARTICULATE MATTER – NEW EQUIPMENT PROCESS WEIGHT LIMITATIONS.	Monitoring and Testing	Yes	Yes	(Note A)
702	PARTICULATE MATTER EXISTING PROCESS WEIGHT LIMITATIONS	Monitoring and Testing	Yes	Yes	(Note A)
703	PARTICULATE MATTER – OTHER PROCESSES	N/A	No	N/A	(Note D)
725	RULES FOR SULFUR CONTENT OF FUELS General Applicability	N/A	Yes	N/A	Applies to distillate and residual fuel used by Nonpareil.
726	DEFINITIONS AS USED IN SECTIONS 727 THROUGH 729	N/A	Yes	Yes	
727	RESIDUAL FUEL OILS	N/A	Yes	Yes	
728	DISTILLATE FUEL	N/A	Yes	Yes	
729 750-751	COAL RULES FOR CONTROL OF FLUORIDE EMISSIONS	N/A Monitoring and Testing	No N/A	N/A N/A	(Note E)
760 - 764	RULES FOR THE CONTROL OF AMMONIA FROM DAIRY FARMS	N/A	No	N/A	(Note D)
775-776	RULES FOR CONTROL OF ODORS General Applicability	NONPAREIL will investigate any odor complaint or identified issue.	Yes	N/A	(Note A); No substantive requirements for regulated air quality units or activities.
785-787	RULES FOR CONTROL OF INCINERATORS	N/A	No	N/A	(Note D)
790 – 802	EMISSION STANDARDS FOR CONTROL OF NONMETALLIC MINERAL PROCESSING PLANTS	N/A	No	N/A	(Note D)
805-808	RULES FOR CONTROL OF HOT-MIX ASPHALT PLANTS	N/A	No	N/A	(Note D)
815-826	RULES FOR CONTROL OF KRAFT PULPING MILLS	N/A	No	N/A	(Note D)
835-839	RULES FOR CONTROL OF RENDERING PLANTS	N/A	No	N/A	(Note D)
845-848	RULES FOR CONTROL OF SULFUR OXIDE EMISSIONS FROM SULFURIC ACID	N/A	No	N/A	(Note D)

Citation under IDAPA 58.01.01	Title	Compliance Determination Method (Recordkeeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
	PLANTS				
855-858	COMBINED ZINC AND LEAD SMELTERS	N/A	No	N/A	(Note D)
859	STANDARDS OF PERFORMANCE FOR MUNICIPAL SOLID WASTE LANDFILLS THAT COMMENCED CONSTRUCTIONMAY 30, 1991	N/A	No	N/A	(Note D)
860	EMISSION GUIDELINES FOR MUNICIPAL SOLID WASTE LANDFILLS THAT COMMENCED CONSTRUCTIONMAY 30, 1991	N/A	No	N/A	(Note D)
I I	STANDARDS OF PERFORMANCE FOR HOSPITAL/MEDICAL/INFECTI OUS WASTE INCINERATORS THAT COMMENCED CONSTRUCTIONMARCH 16, 1998	N/A	No	N/A	(Note D)
	EMISSION GUIDELINES FOR HOSPITAL/MEDICAL/INFECTI OUS WASTE INCINERATORS THAT COMMENCED CONSTRUCTION BEFORE JUNE 20, 1996	N/A	No	N/A	(Note D)

APPLICABILITY EXPLANATION CODES

N/A Not Applicable

A - State only.

- A State only.
 B Regulation applies to regulatory authority.
 C Currently there are no projects or circumstances existing at the facility that would subject Nonpareil to these provisions; however, Nonpareil may use these provisions in the future if the circumstances arise.
 D Facility is not in this source category.
 E Facility does not use this fuel type.
 F Facility does not conduct this activity.

5.2 APPLICABLE AND INAPPLICABLE FEDERAL AIR QUALITY REGULATIONS – GENERAL

Table 5.2-1 cites applicable and inapplicable Federal Air Quality regulations provided in Title 40 of the Code of federal Regulations (40 CFR).

Table 5.2-1 Applicable and Inapplicable 40 CFR Regulations

Citation under Federal Regulations	Title	Compliance Determination Method (Record Keeping, Monitoring, Reporting, Test Method)	Applicable Yes or No	In Compliance Yes or No	Explanation Code and/or Additional Information
40 CFR Part 50	National Primary and Secondary Ambient Air Quality Standards	N/A	No	N/A	(Note A)
40 CFR Part 51	Requirements for Preparation, Adoption, and Submittal of Implementation Plans	N/A	No	N/A	(Note A)
40 CFR Part 52	Approval and Promulgation of Implementation Plans	N/A	No	N/A	(Notes A, C)
40 CFR Part 53	Ambient Air Monitoring Reference and Equivalent Methods	N/A	No	N/A	(Note B)
40 CFR Part 54	Prior Notice of Citizen Suits	N/A	No	N/A	Rules govern citizen suit actions.
40 CFR Part 55	Outer Continental Shelf Air Regulations	N/A	No	N/A	Rules govern Outer Continental Shelf activities.
40 CFR Part 56	Regional Consistency	N/A	No	N/A	(Note A)
40 CFR Part 57	Primary Nonferrous Smelter Orders	N/A	No	N/A	(Note C)
40 CFR Part 58	Ambient Air Quality Surveillance	N/A	No	N/A	Ambient air quality surveillance is not required at this facility.
40 CFR 59	National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	N/A	No	N/A	(Note C)
40 CFR Part 60	Standards of Performance for New Stationary Sources	N/A	Yes	SO ₂ source test reporting as required under Subpart Dc needs to be submitted to EPA.	NSPS Subpart Dc applies to the boilers. Subpart Kb applies to tanks. See Section 9.0, Compliance Certification Plan, on SO ₂ source test reporting.
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	N/A	No	N/A	NESHAPs do not apply (Note C)
40 CFR Part 62	Approval and Promulgation of State Plans for Designated Facilities and Pollutants	N/A	No	N/A	(Note A)
40 CFR Part 63	National Emission Standards for Hazardous Air Pollutants for Source Categories	N/A	No	N/A	NESHAPs do not apply (Note C)
40 CFR Part 64	Compliance Assurance Monitoring	N/A	No	N/A	(Note C); see Section 13
40 CFR Part 65	Consolidated Federal Air Program	N/A	No	N/A	(Note A)
40 CFR Part 66	Assessment and Collection of Noncompliance Penalties by EPA	N/A	No	N/A	(Note A)
40 CFR Part 67	EPA Approval of State	N/A	No	N/A	(Note A)